



OG BOOK

VOYAGES OF THE

Ing Ship "Englworth."

of Mew. york.

COMMANDED BY

COMMANDED BY

Log Kept by OS. Elwell. 12th Mate. "Lat Pove, Northport Main, Mear, Belfas West side of Senobseft Bay."



JOHN E. HAND.

BARTRAM A HAND

JOHN L. HAND.

JOHN E. HAND & SONS,

Nautical Instruments, Compass Adjusters,

Office and Warehouse,

222 WALNUT STREET,

Factory: Atco, N. J.

PHILADELPHIA, PA.

Loutened from Book #. L. Yournal from Theladelphia towards San Francisco Journal from Theladelphia towards San Francisco. HKF COURSES. WINDS LEEWAY Air Water Barometer REMARKS Thurs day of Jan 1/907. COURSES WINDS LEEWAY Air Water Barometer REMARKS July 14 and 1907. hip off Cape Horn. 37 days at sew. Cliar at times Have been 37 days spice we passed Status Island Mothing Str 12 Squally. but a suggession of M. gales. (See Book #1) Rain of Thick. Day begins fush bruze. 8 to 12 Storng Gale. 12to 4 2Co" S.S.M. M.M. .. 29.50 ago. Joing to the N. again. 29.70 4. 8 Moderating 5. 12 Theer. Ramy 12 to 4. Strong fall. 4. 8 More, Mgg. Kane Allowy 20. 6 M. E. Curunt Bratinain at north, Brie M.M. E. drift ow finger. Lea from the Whor 29.45 Under Lower of sails. allowed so Courses to laid up Wants no Medicine sights courses stewed sunto nn. W. M. M. M. observations Light Tumps forKout " 29.70 Line Juice served; 29.50 fine. June served. Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob. 58.38 Now 21.6. 65.15 7. Now. COURSES WINDS LEEWAY Air Water Barometer REMARKS Fri 4 day of Jan 1/907.

MMM. Hall Hotel 29.70 Raving Filics. Barometer REMARKS Mry 2 day of Jan 19076 29.50 Plear & Cloudy at times strong burge. "
Jam. Rumer of Manie

"Burying Thier.

Burying Has falling

Topsail Hally drd. Parried 2 to I Thier.

Ramy

Sig. Helpring faid. 29,60 4, 8

Sail refer of time. HPM, Word Sp" IIM. WAM. turled Foresail. Sx M. HIM. 7-30 Word Ship to Noth n.Mx n. n.J. W. 19.60 ige & Wing up n. 7. S. Th. 4Pts fair visil to ME ould not make out to 12 Buening ou urust allowy No observations this day. In U. Topsail finain allowed 20: EME. 12 M. Cleaning forme. 2955 Line Juice served,

Journal from Thiladelphia towards Saw Francisco towards Saw Francisco. Yournal from Theladelphia COURSES WINDS LEEWAY Air Water Barometer REMARKS Lat 5 day of Law 1907. COURSES WINDS LEEWAY Thermometer
Air Water Water Barometer REMARKS Mow 7 day of Jaw 1/907.
29.20 Deces flooded with water Thick trainy. tto 8 More Mod. " S. W. " but still thick 8 to 12 Blowing Strong again Mainy. Tramendone NEW Meany Agnalle. But our best I prail at the miz. 12to H. Heavy Squalle. from the SM. Shiplying Wind Man. up better. 8 PM. Lasting (chain) 4 " 8. Jamendons sew: that was on Varrel of FU Top 2900 from W. making up. 29.20 faid got a drift, Yard took change " " " Had to put Tackles on for a while scentral same EME Duft Ville a gam as steering again, 12 PM Blowing hard. fear is getting worse all Hain. Wind back to W. Weeks n.n.k. . . Mowed to rules. of the time owe have full again Broswin two (2 last 24 House. Inothing to fix it with. of the Port Porte, Ming plenty Ou all of thee 24 Hours 11-30. Mord Ship. Guder 3 Godswain Anglies 3 am. Heavy & qualle. M. W. n. W. Lower Speails Blowing still "laid up, Luya 8, " Still Blowing from W. hard, Bratswagie Aughes 12 M. Verrific squalls Hund - he is some better. still land up Says he Cating his megls from Snow (slut) Pain, Weeks feels better. Jumps light. Jalley to day Tump. to Week Houses full of water. 28.90 Forkout seen to Using Cil. seems to bone pure served Elenty of lee in nie. 162.0 HH. M. 65 roll. How. COURSES WINDS LEEWAY Air Water Barometer REMARKS www. 6, day of faw. 1907. COURSES WINDS n.n. W. 6Pts. 28.90 MIN. W. Blowing fliong fale. Howing strong Jale again Verrifie Squalle. Sun off ou sea unter how rouged 3. L. Voprails 7 Pm J. Kup clear of seal. I PM framendone sea Maing Ole out of both forward making up, Weeks full nnn: 6Pt piper. Arre too again on fort from rail to rail at times 29.308 to 12 Heavy Gale Ferrifie Ship Laboring hard Shink Allowed 18 miles of there is a Brane broke in drift 16 in the wall of Star. Many ngging last 24 Hours 12 to 4 Scaleke Mountains. Smaslud all of Ports in Ship rolling very heavily. Decks full from Rail to Rail 29.00 ow the weather side at 6 P.M. allowed 20' EME drift Ship Lying to very Bad 29.30 4 to 8 Moderating some Set Ming Spance Tet but she will n. M. M. M. M. L. Soprail. Very Bad sea, not had up living to the Tremendous sea . Running, Have never seen the like of 29, 10 Continues Sling Fall roug ape How before. No chance Ship lying under, Ford had Squalle Let weather in 45 days to get to the W Main L. Topsails for Clero of this Topiail trying to Ow continuous Jale sunt. Hugher till it away It was the #1. Sail. Anglus still laid up Say laid up. Line frier leaving Philadelphia Day Ends re feels better. House amid -29,29 Ship laboring very Hard Lat. by Ob. Variation Diff. of Lon. Lon in Lon. by Ob. Course Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Course 58.16 X 56.44V. 63. 6371

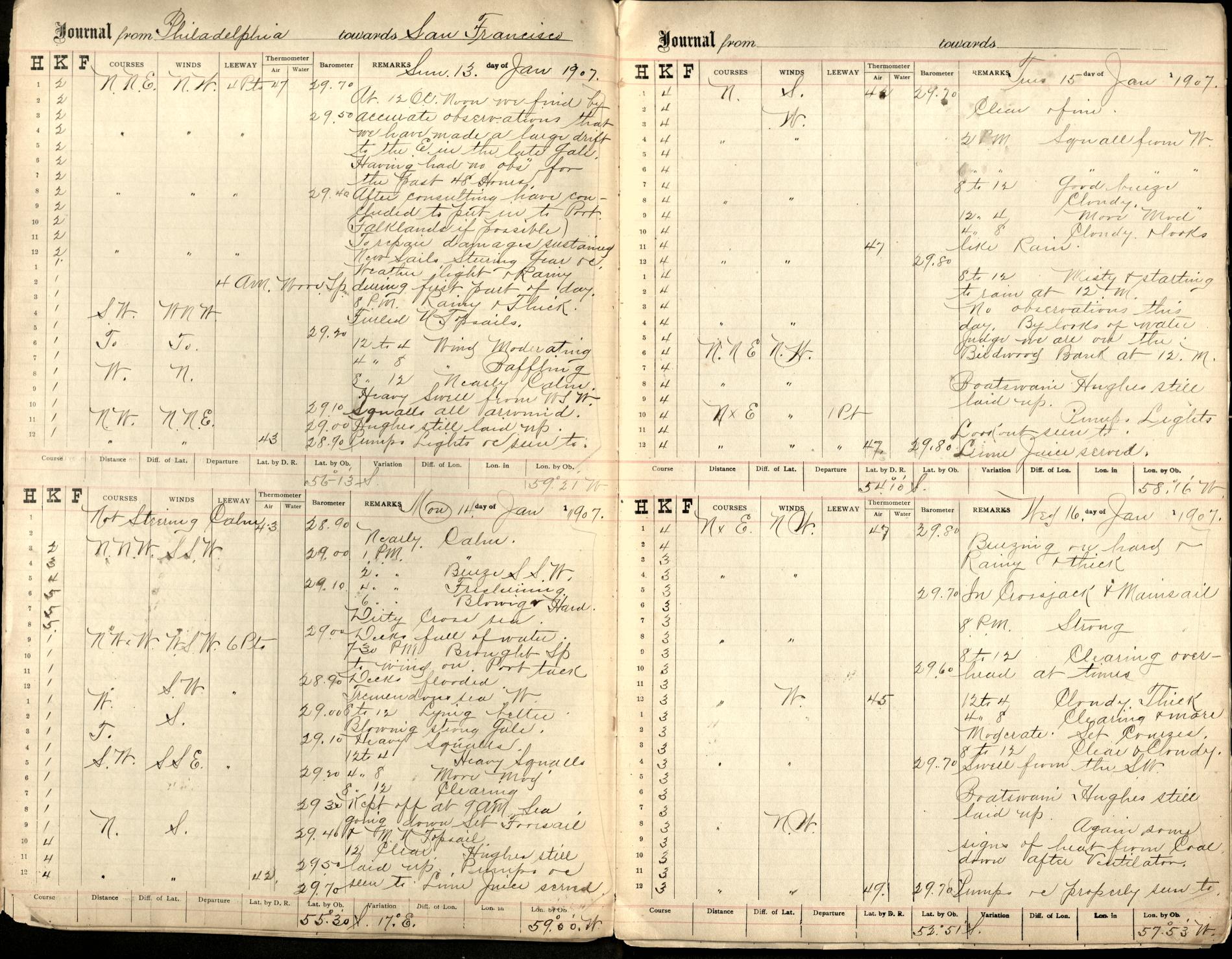
Journal from Philadelphia towards Saw Francisco. towards Law Francisco. Yournal from Theladelphia HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Hul 9 day of faw 390;

1 / NN. M. M. 6 Pls 47. 29.40/2ts 2 Cleaning from 29.40/2ts 2 Cleaning from 29.40/2ts 2 Cleaning from 29.40/2ts 2 from Huavy Symulls again from the M. COURSES WINDS LEEWAY Air

Nx & M. M. 4 Pla REMARKS Tri 11 day of faw 1/907 29.75 Blowing. Hard Jale. N. E. E. M. M. " Ship . Lynig . Too. 7-30 PM. Now Ship to the SM. W.N.M. Sol. Ship Lyng better. 29.70 Weeks flooded with water 8 to 12 Blowing hard ~ Tremendons sea fyrm M 12to 4 More Mod Set volvole Topsails Reefed Foresail. Middle part Stirng gate. Heavy sea. 29.50 4 to 8 Karry Strong Duge. M. M. E. " Still n. M. 8", 12 Clear part of time Latter part. Blowing Strong Decks full of but Strong belege. Sturing Jear very bad. n.x & n. W. 30'. EM. E. Russent With sea abram have to Lights Lookout Carefully, sun to. Bratevair 29.50 Hughes still laid up, Kup Jackles on all of the Jo. J. 6 Pt. time Shakes the whole Stere Hout know as it wellast n. E. n. we around the Horn or not Must have been How out befor as it is all adrift 29.60 Anglus still laid up.

Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.

56.474. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. COURSES WINDS LEEWAY Thermometer
Air Water Barometer REMARKS Thurs, 10 day of Jan. 1907. S.M. x M. M. H. 4 Pla. 43: COURSES WINDS LEEWAY Barometer REMARKS at 12 day of faw 1907. 1. 1. W. 6 Pts 45° I PM Comes in Rainy Thick Tremendous sen from W. making up again. Starting to blow hard. n.nn. Wnw. from the H. N. W. M. M. M. 29.30 Ship Coming up some as wind hails It. Heading sea From Burging Rainy Looks very Dity in the Wh 7-30 Word Ship to the M. n.n.E. .. 27.20, 3 to 7. Pm. Verrific Squalls. MIN. W.S.M. 8.12 Buging ow Squally. 29.30 full of water. Houses forward - and dehips full 29,61 12. H. Heavy Squalle & Big sra making up from M. N× E. W. N. W. \$9.40 of water, Ship at times rolling lea rail under to 29.50 the Hatel Trubings. furled Foresail. Weather Clerk 8 to 12 Moderating Cymps ve seen to \$ 10/2 " I have going down Rufed Foresail Cap fit Line Juice scroed. Ship seems quete of Miz L. Topail. warm below the 12 M. Blowing Strong Jale. first we have noticed Clearing dway Ship Lying too Dees flooded with water Tackles on the 29. 70 Weather looks finer. for some time 8 to 12. M. More Mod" Let 2 2 Steering Jear. Hoose than Ever 12 m. Overast, Mod. Buege, 3 2 39-75 Pumps Eights Lookat seen to 29. 70 Singlus still laid up 2 Course Lat. by Ob. Variation Diff. of Lon. Course Departure 59.38 7



Journal from Huladelphia towards Law Francisco. Yournal from Theladelphia towards Saw Francisco COURSES WINDS LEEWAY Air Water Barometer REMARKS hurs 17 day of Jan 1/907 MX 6. 2Pt 47 29.70 Mos " Correast, KF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS Lat , gay of Jan 1/907, 29.70 Mod " Cloudy. MME. " Liviel from SM.

8 Pm. Mog " Pay Smooth

12. Thier Mest Smooth sew, Ato & "Llo" 6 " 12; Treshenny 12. 4 Strong bueze, " " 14 29.608", 12 Cleav & Strong 29.70 H" 8 More Mod" 5, 12 Very Mod" Cloudy, 12 M. The wind us tuesmy two are so far. to leward of thertalklands Jumps Lights Look out that have decided to Jeep ou rgo to Monteverdo Jaking Wolhances in getting into Falllands. Soutswain Anglies! still laid up. Joatswain Augher still laid up sier. H7. 29.60 Pumps Lights resumts. 29.60. Dime Juce served. Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.

COURSES. WINDS LEEWAY Air Water Barometer REMARKS To Say day of Jaw 1907. Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.

HKF COURSES WINDS LEEWAY Air Water Barometer, REMARKS Law 20, day of Law 1,907.

1 / 29.60

2 / 25 / 25 / 4 / 25 / 4 / 25 / 4 / 25 / 6 n. n. E. n. W. 2 Pts. 29.6 Gueging on storng & sew Hem In Hospils. Maineaie. Perfey Frisail 29,70 7-30 Tresluming.
the M. Throw Sp. to 8 ti 12 Strong bruge.
12.4. More Mod MENN MIN. 1PA M. "
MN M. "
"
"
" sti 12 Thier fog 19.80 /2to 4 Cleaning Ht 8 Cleave fruit Still laid up sier. Lea quite Smooth Tumps re seen to, Doutsvani Augher still laid up. 29.70 Line June served.

Journal from Thila delphia towards San Francisco Yournal from Puladelphia towards Saw Francisco. COURSES WINDS LEEWAY Thermometer Air Water 29.60

WINDS LEEWAY Air Water 29.60

12t 4 Fine Mod" COURSES WINDS LEEWAY Thermometer Barometer REMARKS Pref 23 day of Jan 1/907.

M. M. M. M. 194 29,80 Thermometer Barometer REMARKS Pref 23 day of Jan 1/907.

Let 3 Johnson Selection of Moderaturg 8 Pm. Wore Ship. WIN nu. 8to 12 Mod buege. SM. HAM. 8t. i's Mod" Gruge. 12.4. Freshering 29.70 light. Tryggy r-Very n. x & n. h. ... 8to 12 Mod Bruge. Sea Smooth. 77x E. Soutevain Angles still laid up nn E. 71 W. " Temps Lights bookout properly keen to. Jumps Lights Lool(out) Seen to. 9.90. Line Juice served, Lat. by Ob. Variation Diff. of Lon. I Lon. in Lon. by Ob. NN.6. " 29.80 June Juse served. Barometer REMARKS July 22 day of Jan 1/90 Barometer REMARKS Thurs 2 th faw 1/907. COURSES WINDS LEEWAY Air 29.90 Stiong & Squally. Fine Melian. Hts trestraining 8. 12 Strong Bueze. 12t 4 An UToprails 12t 4 Strong 4" & Plondy. 8" 12. More Mod" MISE HAM. Set 43 prails Lights footout Spatswari Hughes Still 4 Prem with Exception of Hughes well He is 4 Course Course

Journal from Philade	Ophia towards San Francisco.	Journal from Philadelphia towards San Francisco.
HKF COURSES WINDS LEEW	Thermometer Air Water Barometer REMARKS 1 25 day of fau 1 1907	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS
1 4 M/2.6. M.M.	Thermometer Air Water Barometer REMARKS Fri 25 day of Jan 1 1907. Thermometer Barometer REMARKS Fri 25 day of Jan 1 1907. Thermometer Barometer REMARKS Fri 25 day of Jan 1 1907. Mod bugger	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Line 27, day of Jaw 1/907. 1 / MMH Water 29,50 Still Blowing Strong
3 **/ 4 **/ 5 **/	HPM Plante	Jalu'
8 4 7 3	29.90 HPM. Cloudy Freshing	Ship Lying So very. That I water from rail to rail of water from rail to rail the times Midship House.
8 3 " " " " " " " " " " " " " " " " " "	8 to 12 Thier. Rang	8 / " " 29.40 flooded all the time. " Using quantities of Oce
10 3 // // (9 // // , 11 3 12 3 " " " " "	29.80 12.4 Buezing L" 8 Blowing Strong	10 / Law not use Steering gear. without having the
1 3 3 3		1 5 1 5 st, 12 Terrific Squares from the SM. Rem Sp".
3 3 4 3 5 2	8. 12 Agnally Strong	3 5 loff mittel 3-30 Pm. Sea so
6 2 7 2	Looks like disty we ather	6 1 Mr " 1. Pts again Sea going down some.
9 2	Poutswarie Anglie still laid up.	8 4 N × E. " (Les wind. 10 PM Wing W, 10 PM Wing M. 10 PM Wing MW.
10 Z 11 Z 12 Z " " "	29.60 Line Juice served.	10 4 11 3 12 3 10 14 11 3 12 13 10 14 10 Soutevaire Hugher still laid up. Line freier servet.
Course Distance Diff. of Lat. Departure	Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	11 3 12 13 1
TE K F COURSES WINDS LEEWA	Thermometer Barometer REMARKS 1 374.30 %	Thermometer 3.28 %
1 2 M.N. E. M.M. 4 B	Thermometer Air Water Barometer REMARKS, Sat 26" day of Jan 1/907. 29.60 Rairy Their Marks, Sat 26" day of Jan 1/907.	HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS Mon 28 day of an. 1,907. 1 2 NX E. NM. 6 Pt. 5 / Slowing Strong Gale.
3 2 4 2 "" "" "" "" "" ""	L' More Lp	2 / Blowing Strong Gale.
4 2 5 1 5 1 7 7 7 1 7 7 1 1 1 1 1 1 1 1 1 1	8 Blowing Strong	Should, have hauled, The
8 / " " " " " " "	Dirty sea making up.	1 / remendons cross sea. 8 / " 29.40 Decks full of water.
10 / Mx &	Sti 12 How back again.	Transendons cross sca. 8 / " " 29.40 Decko full of water. 10 / Spilatoring hard, Lea. 10 / " " Still Blowing Hard, 12 / " " 2940
12 / " " (6 Pts)	Blowing Hard. Bad sea Deek flooded. Using plenty of Cil	1 / 4 PM. 70
3 / MMM. M	4ti8 Terrifie Lgnacle.	Every attention given the cuties day.
6 /	8", 12	5 / Lookout Line 29. 40 Using quantities of Oil
9 /	Ship taking lots of Water	fuer sowed in Bags of thirm gla the Waste Pipes forward,
10 /	Boutswarin Hughes still	Tackles in gree all of
Course Distance Diff. of Lat. Departure	Lat. by D. R. Lat. by Ob. Variation Diff of Lat.	Tækles ein gee all of the time Positivain 12 " " 29.50 Hugher still laid up.
	45.20 S. Lon. by Ob. 1	Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.

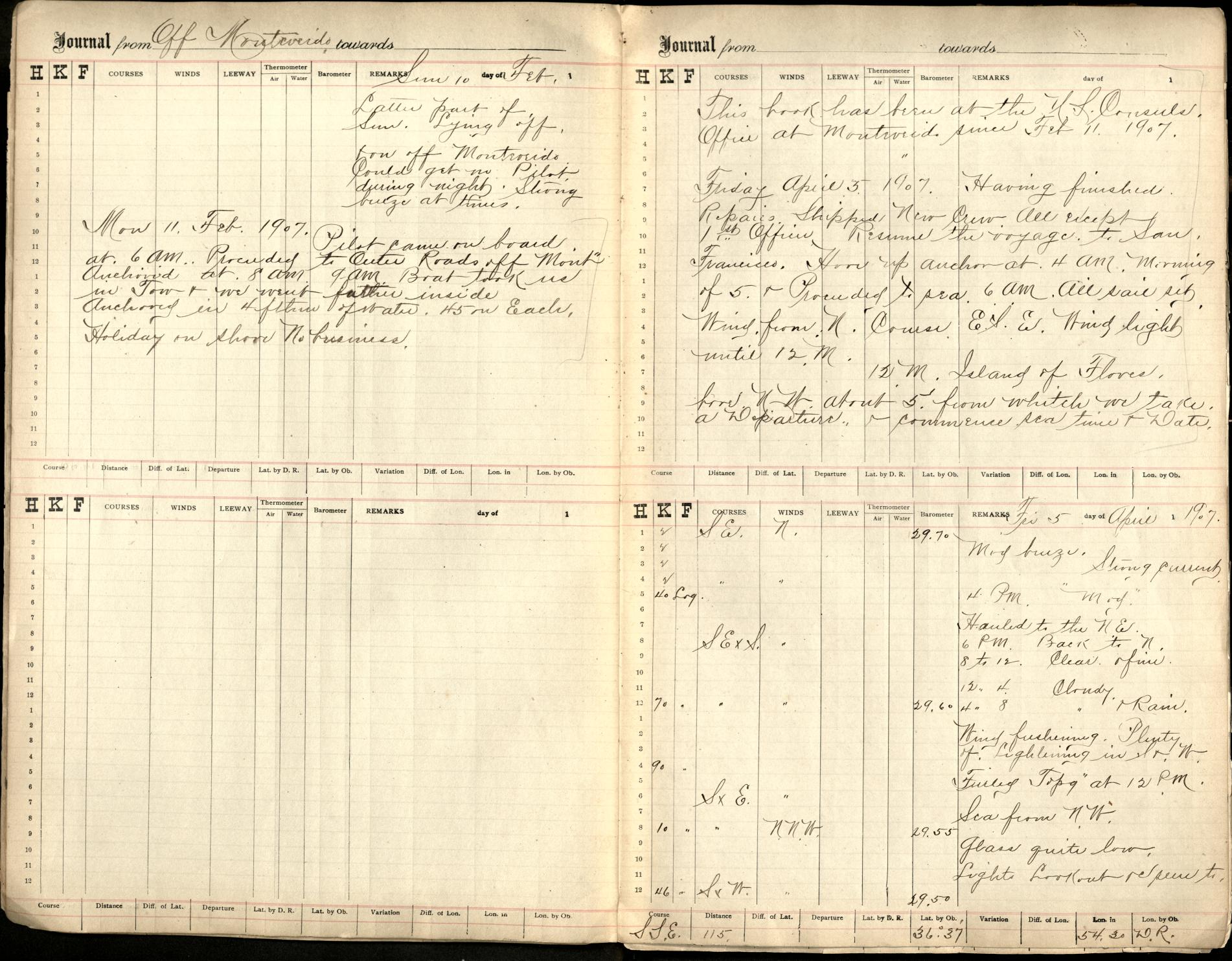
		ia towards Law Francisco.		blua towards San Franciers.
HKF COURSES	WINDS LEEWAY Air	Water Barometer REMARKS Luc. 29 day of Jan 1,907	HKF COURSES WINDS LEEWAY	Thermometer Barometer REMARKS, day of
1 / MX E.	n. W. 6 Pt.	29.50/2 m.	1 4 Mx E. NW.	Air Water Sug. 1907.
2 /		Water Barometer REMARKS Jue: 29 day of Jan 1907. 29.50/2 M. Jo 4 PM Blowing very haid	2 4	Mad" Fruge. n.W.
4 / "		6 PM. Moderating some	3 4 4	4 Pm F.
5 /	mnm.	Thailing 2 Its to the W	5 4	Thermometer Air Water Barometer REMARKS Thurs, 3, day of Jaw. 1/907. 29.60 Lean Truge. M.M. 4 PM. Fushing.
7 /	" "	Elso cleaning in . It	6 4	8. " Good bruge.
8 / "	"	29.60 an awful sca from not	8 4 0	6.9 2.141
9 /		12 Pm. Sea going down some Ship lying Easier.	6 H 7 H 8 H M,	2 am. Br. gonig V.
11 /			10 22	2 am. Br. gonig L.
12 / "	" " HPts.	Ham Set 3 U. Topsails Mainsail.	11 4 13 4 " AM.	Comming of
2 /	A. A.	8 am Bueze from W	1 5 2 5	8. " Stirng Lueze.
3 / 7/1	. 7. 2 Pts	8 am. Buge finn W Cliav Big Lea strie 29.70 from N.W. Clear of mir.	3 5	
5 / / // // // // // // // // // // // /	. N. 2 /ts	29.70 from N.W.	4 5	29.8" Eleav. 1
6 /		1 12 Leval of me.	5 5 5	29.8" Lleav. Sea from Doatswarin Hughes 29.90 still laid up
7 2 8 1	" 1 PL	Boatswain Augherstill	7 5	. Soutsware Hughes
9 5	. 179	29.80 laid up. Cumps Lights resumts.	4 5 5 6 5 6 5 7 5 7 5 7 10 5 7 7 10 5 7 7 10 5 7 10	29.90 stell laid up.
10 7		1. C.	10 5 M. AT.	Pumps Lighta Lookout
12 3 ,		29.80 Lune see served,	, 11 5	sunt to pol.
Course to m Distance no Di	ff. of Lat. Departure Lat. by I	D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	Dry - 8 " "	30,00 tome face served
		4256.8. 5300 %	Course Distance Diff. of Lat. Departure	29.90 still land up. Finish Lights Low out Sund June Served Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. Thermometer Barometer REMARKS To Stay of Fe h. 110.7
HKF COURSES	WINDS LEEWAY Thermo	meter Barometer REMARKS Hours 30 day of Jaw 11907. 29.50 12t. 4. Fresh beinge,	HKF COURSES WINDS LEEWAY	Thermometer Personalis PEMAPKS T
1 3 1/4/1.	W. 1Pt.	29.50 Tulito So. Juga 1901.	HKF COURSES WINDS LEEWAY 1 . 8 34 34 34	Thermometer Air Water Barometer REMARKS Ti / Shay on Feh /1907.
3 4		12t 4. Fresh burge,	2	Strong Bruze. S.M.
4 4 11 11	THIA.	Clear ofine.	3 / X & MX	1 Pm
5 4			5	4 PM. Squally.
7 4		4.8 Llv.	6	
8 4 , , ,	N,	29.80, 8. 12. Mrd.	8 " 64 "	8 ti 12 Eliving Cloudy.
10 4		29.80. 8. 12. Mrd. Heavy swell from SM.	0	List they,
11 4			10 11 11 11	12 to 4, More Mod"
1 4 "	,	12to 1 Mind going to E,	10 11 12 " 8"	30,10 4 "8 · Llian fine.
2 4		4. 8 ME. light		
4 3	150	29.72 D. 12 M M	8	8, 12 " " Mod.
F I I I I I I I I I I I I I I I I I I I	2) 6.	29.74 3:	4 1, 4 11	
6 3 4	8.	Big sea from I'M.	6 11/1	Doatswani Hughes still laid up,
8 3 NNM.	M &	Bit I	7	raid up,
9 3		Boatswarie Hughes still	8 " 20 " "	P, N.
10 3 N Ex E.			10	Tumps Lights resements,
12 3, NY E,	n m	29,60. Lime mice served as monald	11 12 1 34 W.S.W.	
Course Distance Diff	of Lat. Departure Lat, by D.			30, 15 Line Juie served.
		42.38 Lon. of Lon. 10 Lon. by Ob.	Course Distance Diff. of Lat. Departure I	Lat. by D. R. Lat. by Ob., Variation Diff. of Lon. Lon. in Lon. by Ob.

MY

	a towards Saw Francisco	Yournal from Thiladelpl	na towards San Francisco.
HKF COURSES WINDS LEEWAY Air Was	Barometer REMARKS lat. 2. day of Feb. 1,907. 30.15 Fine clear. Mod briege. It's Very Mod.	HKF COURSES WINDS LEEWAY The	REMARKS Mon Lavor Feb 1/907. 3000 Clonely. Rain Chowers 6 P.M. Clearing.
5 6 7 8 " 47 MMM M.E.	So 20 12. And from 16. 30 20 12. Clear ofine 30 20 Freslenning huezo M.	5 3 6 3 7 3 8 3 9 3	Still Clearing. Still Ming S. M.
11 12 1 M.M. H.M.E., 2	3020 12. to 4 Freshening burg M.	10 3 11 3 12 3 1 3 2 3	36,16 8. 12 ". S.
5 MM M. M. 5 Main 6 Same, Her	Bruznig on fush. Findsturled UT-prails etit (For Times)	3 3 .4 3 " " " 5 4 60 6 4 7 4	Pumps Lights Lookout, carefully, seen to
10 3 11 2 Ax M. " Haif field 12 2. " " "	Be zo Pumps Lights Lookout	10 4	Fratewani Augher still Laid up. 30,10 Line Juice served.
Course vo m Distance no Diff. of Lat. Departure Lat. by D. R.	Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.	Course Distance Diff. of Lat. Departure Lat.	by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.
1 2	Barometer REMARKS In 3 day of Feb 1907. 30 20, 12t 4. Fush bueze. 4" 8 Strong.	HKF COURSES WINDS LEEWAY 1 LOG. 98. MVM. 2 3 4 7	Barometer Barometer REMARKS July 5 day of 1 Feb 4907, 30/0 Correct Sky, 30/0 A PM, Thesh.
7 2 8 2 9 2 NEX M. MM. Moro:	S. 12. "Do" L. 12 to 4 Fresh. " 4. 8 More Mod?	6 7 8 7 N.N.N. N.E.	Looks like Rain. 7 PM Wring M. E.
11 2 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Looks like sain.		30,00 8t. 12 Tery Mod". 30,00 12 H. "Janaely.
4 /	Soutewarin Anglus Stille Pumps Fights Lookout seen to	4 x To 5 x 6 x MM. M.K.	Andrewan Augher
9 / 10 / 11 / 12 / 1	Line Juier served.	8 2 " " " " " " " " " " " " " " " " " "	19.90 still laid up. Mord. Pump Lights Look out
Course Distance Diff. of Lat. Departure Lat. by D. R.	Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	Course Distance Diff. of Lat. Departure Lat.	by D. R. Lat. by Ob. Variation Diff. of Lon. In Lon. by Ob.

	ia towards San Francisco	Yournal from Philadelphia towards Law Francisco.
HKF COURSES WINDS LEEWAY The	Ermometer Barometer REMARKS Wed 6. day of Feb 1907. 29.90 12to 4. Mod Cloudy.	HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS In So day of Feb 1/907. 1 4 Ax M & Air Water Barometer Remarks In So day of Feb 1/907. 2 4 Ax M & Air Water Barometer Remarks In So day of Feb 1/907. 3 4 Ax M & Air Water Barometer Remarks In So day of Feb 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Feb 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Air Water Barometer Barometer Remarks In So day of Act 1/907. 4 4 Ax M & Ax M
1 2		Mød" good bruge.
6 0 E. Dalm.	4.5 Lo. 8.12 Palm,	· · · · · · · · · · · · · · · · · · ·
7 0 8 0 9 0	12. 1	8 4 , Middle part "Ll" 9 4 , 30,10
11 0 M. "	29.90 8., 12 M.Ev.	10 # 11 # Latter part Fresh.
1 / E	Jot 60 Films Wales	Bueze.
5 /		4 3 26 films Water at 12m, 5 3 6 3
nnn. WE.	Foatsvain Hughes.	Fratswain Hughes still laid up
10 / 11 / 12 / · · · · · · · · · · · · · · · · · ·	29.90. Line Juice servey.	20 3 Cookout properly seen 30,10 to to
	by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	Course Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.
HKF COURSES WINDS LEEWAY Air	Water Barometer REMARKS Thues, 7 day of 1 Feb 1/907.	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS at 7 day of Jeff 1/907.
2 /	Try Mrg.	3010
4 £ 7 7 5 £ 2 8 £	Moarly Calm.	4 3 Sim lo.
7 2 8 1 " "	30 - 8 to 12. Mod heege. 12 to 4 Try mod,	Made fotos Lile at. 7 5 8 5- "
9 10 2 11 2 12 2	12 to 4 Tiry mod, 4 " 8 Frielining	Stirng Buze. Stirng Buze.
12 2 " C. 1 3 2 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8. 12 Strong	11 5- 12 5- 1 7- 1 7-
3 4 4 4 5 4	Boutswaris Hughes.	2 5 Mage. Mount at 2 AM. 3 5 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6 4 7 4 8 4		Off Mont at Ham. 6 4 7 4 8 4 "" "" Off Mont at Ham. Could Jet no Pilot.
9 2/	Jumps Fights Lookout.	Seghts re seen to
Course Distance Diff. of Lat. Departure Lat by	3000 Line Juice servey.	11 4 12 4 30 20
Course Distance Diff. of Lat. Departure Lat. by	D. R. Lat. by Ob., Variation Diff. of Lon. 10 Lon. by Ob., 36, 80	Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.

N.



Yournal from Montrovide towards Law Francis. towards San Francisco. Yournal from Monteverdo HKF courses WINDS LEEWAY Thermometer Barometer REMARKS Lat 6 day of April 1907.

1 1-9 46, NN 11 11 29.50 Overeast Sky Clearing at

2 2 3 48 times. COURSES WINDS LEEWAY THE STATE OF THE STATE Barometer REMARKS Mon & day of April 1907 29.40 Fini clear. Bugning " on at 4 PM Won'th, 4 PM. Strong burge. lik. M. S.E. S.W. 1.Pt. Sea from I. from Sw. In U. Topsails, S. MIM. 8 PM. Blowing Strong SSE. ST. 19.50 8 to 12 Strong bugs. 12. 4 ... " Cleav. S.E. S.S.M. Sto 12 Clear ford huge Blowing hard at times WS.M. S. 29 so Wathin looks better. Lights Lookout re seent. " " Lights re sun to. Smx W. Sx E. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. Water Barometer REMARKS Line 7, day of April 1907.

Strong Bruge at times
Clear. COURSES WINDS courses winds Leeway Barometer REMARKS, Tues 9, day of April 1/907. 29.65 Jord bugs at times SSE. NIN. HPM, Mod" r. Cloudy. M. SSM. L. Topy" set. S. T. Sti 12 Squalle all arround the Company, Mind hauling to the SIN M. SSE. SW. 12to 4 Wind MM, Jo. 5. 4. 8 Mod Buge. il. Vist .E. S.E. 29.50 12to 4 Not any wind at times Rainy. 29.65 - Eleav. Fine. Lew all well 8" 12 Bueg from It. 12 Freehouing some, Our au well. 29.40 Jumps Lights och Lun la

towards San Francisco. Journal from Montroids Yournal from Monteverdo towards Saw Francis HKF COURSES WINDS LEEWAY Barometer REMARKS / 10 day of april 1/907 HKF COURSES WINDS LEEWAY Thermometer
Air Water REMARKS Tui 12 day of april 190 29.7. Good buge fivn. 19.80 May burgs W. M. HPM. More mog" Clear of since. H Pm, Mora Mod " SSE, SW. 8. Hauling W. 6 the Trisling 8 to 12 Correast Sky.
Plenty Lighten g 8 to 12 Heavy Elew. SEXS. SSM. . W. 2970/2to H in SM. Burge. 12to 4 Thier Fog. #" & Overeast Sky. 8", 10 10", 12 Elearnig. S. N.S.M. Mod. Looks like rain. S.x E. Sit. Lights of Lookout seen to, Mind Mod HTIW, Sweet from Ste; Sm. mn.m. STANT. WAT. Lever all will. Jumps Lights of seen to. 29.7° Line Juie served. No Noon aha" STANT " Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob. Thermometer
Air Water Barometer REMARKS Thurs 11 day of April 1906, K F COURSES WINDS LEEWAY Barometer REMARKS Lat 13. day of April 190 297 Mod bueze Cleav. Mod burge. Coneach. 6 PM. Thing IS W. 29.65 H PM. Freshing. ISE ST. SE. SLIM Store Thier fog at Swell from X. 6 Pm. Treshering 29.70 Hauling" back to MITTE E.S. S. 29 tw 12 ". H Mod" ... Passed through plenty Tide Rips 8t 12 au lleau ofine 6 am. Strue going to Sra very smooth. Jumps fights bookont, Very mod 1 Overcast Sky. Smooth sew. Pumps Lights

towards Law Francisco. Yournal from Montsvido towards Law Francisco Yournal from Monteverds KF COURSES WINDS LEEWAY TO Barometer REMARKS IN 14 day of Open 11907 Parometer REMARKS us 16 day of April 1907 Calmi mutie 2-30 PM. Air from M. E. Overcast Sky. Storing bruge M. " HPM "The, Luite a sculfirm M. 8 to 12 Mod bruge. 8 to 12 Sliving 12. 11. 29.70 5-30 Nearly Calm. 8to 12 Lalu. 11-30 Air from ASE.

Fry coming in 8" 12 Mon Mod. Law Stone going A. Lights re sun to, " Calm, Pierr au well. Jumps Lights re seen to. 2950. 29.70 Line Juice served. Lat. by D. R. Lat., by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.

42. 48 1. 60.57 7, Thermometer
Air Water Barometer REMARKS Mon 15 day of April 1/907. Barometer REMARKS Med 17 day of Opil 1 1907 29.70 Kind furthering Jose bruge Plear. Fragy.

Briezing. mnn. 8etiere 200. 12. A Joing some 8 Pm Wing, oft. 29.80/2" 4 " " Freeles 9.90 Sea measing up from 39 80 Crew all well. Sumps Lights Lookout

Journal from Moutrouide towards Law Francisco. towards Saw Francisco. Yournal from Montavido KF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Lat 20 day of April 1907
2950 Mind moder ating - Sx E. M IRM. Very Mag. 29408 ... Baffling. 8 1. 12 ... " MM. 12. 4 Nearly Calm. 121 .. . Wind M. 8. 12 , Dalue, AS. 6. S. H. " ESE" Saw Stine gving 7. 9-30 am. 8, 12 Blowing hard ... Fully 4. Topsails. Heavy wa from I. Sx.7. 1. Eur all well. SSM: SE, " 29.30. Lights Pumps or send Jumps Eights Lookout 29.40. Line pein served, 29.50 June Juico selved. Thermometer
Air Water Barometer REMARKS The 19 day of April 1/907.

Milod Cleav.

Whing Dappling HKF COURSES WINDS LEEWAY Air Water

1 2 2 3 4 5 5 3 Barometer REMARKS Luw 21 day of april 1907 39.40 Blowing hard. Henry, - 11E. N.M. Style Buying from 39 50 4 to 8 Strong 8", 12 More Mod. 12to H Dlo. 196 /2. H Agually. 1. 8 Strong 8 " 12) " 4", 8 Mod, SM. SSE. 2P.t. 29.7. How Sp at 7-30 am. 8t. 12 Plearing. Reefed ret Topi Pump Lightore sunt.

towards Saw Francisco Yournal from Montrovide towards Law Francisco Journal from Montrovido meter Barometer REMARKS Wed 2 Hav of April 1 1907, 29.70 Fine May burge floud HKF COURSES WINDS Fresh. burge. 116 17. " Ht to 8 Good burge. 8to 12 Overeast 8. 12 Overeast. S/2 E. W. Thuis Topgels Binging
for Topgels Strong
6 am. Hanley Str. 12, 4 " Trish. 29.80 H., 8 ... Cleaning fine. Glondy but \$96.8. . Strong Clear, Surce from S. W. Diew all, well, Pumps Lights or Lea making up.

29.50. Pumps Lights re sunt. SS.E. S.Tr. 1Pt. 296. Juier errord. 29.70 Luin Juie sorvey HKF COURSES WINDS LEEWAY Air Water Barometer REMARKS LLS 3 day of April 1907 Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. 52,45/16.6. HKF courses winds in the state of the state Barometer REMARKS Thuis 25 day of april 1/907. Gliving Burge Clear. Jood sburge. 4 PM "hl" S. E. 77. 8 to 12 Strong Middle put hl. 12. " Hauling. 33 " N.M.M. 29.70 Latter part cloudy, 29.40. Ato Thick Cloudy, frew are mee. Lights Tumps re sends

towards Saw Francies. Journal from Moutroude towards Law Francisco. Yournal from Montrovide Barometer REMARKS To Mo. day of April 90 KF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Line 28 day of April 1/9.

4 Solvering Strong & Strong & Squally from M.M.

4 A Solvering Sping to Spi Barometer REMARKS Lune 28 day of April 1 1907 Storing brugg from! 29.40 Stiring buez from M. 29.30 Blowing. Strong 8 29.10,730 Hauled St. 8 PM. Ship gring to the M. F.E. S.E. Str. 2Pt. \$9,00 Fulled Miz r- Ford U. Top's \$8.90 hauled to the wind \$8 80 8 to 12 Blowing very strong 12to H Strong 4. 8 More Ming. 8. 12 Clear fine. 28 60 12" Hind shifted to 8 M. Eape St. Johns beding 28.40 Heavy Crow Ma. Deck's full of water Ship welling heavily. SSE. S.M. 6 Pt. SIE. " " Jumps to sun to. 28.40 Mind Suoir. Squalle of Sx M. M. " Crew all well. Course of Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. ,

| K | F | Courses | WINDS | LEEWAY | Thermometer | Air | Water | Air COURSES WINDS LEEWAY Air Air 28.40 Strong Jale Heavy www. Hund furturing from 8 to 12 Squalls Survey Slut. 4 PM. Fully Toprails 8. " Reefed Foresail. 2850/2t H 7lo" 29.20 the Harding to IS.E. Deeks full of water. 28 60 H to 8 Sleet Squalls. Ship rolling heavily 12to H Strong buze. ISM. 77. 28.70 8th 12 Cleaning some 28 80 at times Heavy Squalls. Tumps re sure to. Deeks florded. 29.10 comps or sure to. Course

towards San Franciers Yournal from Mouthoride Journal from Montroudo towards Law Francisco Barometer REMARKS hus 30 day of April 1,907 COURSES WINDS LEEWAY Air Water Barometer REMARKS lieus 2 day of May 1/907.

29,30 Overact, Cloudy. HKF COURSES WINDS LEEWAY Air 29.15 Howing Jale still Jen en don's sea Weeks fuel of water Mod Bruze. S. MJM. 4, J. M. Zlo 294. Looks, Stormy. SSE. ST. .. Sto 12 Blowing hard 1816. S.M. 8 to 12 Thick nich 12. 4 .. 8 More mod "
3920 8-30. - Wore Ship. 1Ex'1 " 2950 12. H More Bueger. let Toprails. 4t. 8 Mou Clear. S. M. M. ... 296. Sweet from the S. W. Lea going down some. 30 Priv all will, Tr. SS.M. Jumps Figlets Look-Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. 7940 Lune Juice scroud. Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob., COURSES WINDS LEEWAY Thermometer Barometer REMARKS Will 1 th day of May 1/907.

Air Water Barometer REMARKS Will 1 th day of May 1/907.

29.40 Degnis More More More Barometer REMARKS The 3 day of May 1 1907.

29.60 Mond buy Thier fog

at times COURSES WINDS LEEWAY 4 to 8 Blowing Strong S. MIN. " Thick mich. mnm. A.M. 8t. 12 "ilo" n. W. W. s. Pt 12 to 4 " " S.Ers. Mr. . Swell from I'M.
129.55 12t. 11 musty 29.40 to the SW; Store Mod Bugo. Clear at times

towards San Transicis Yournal from Moutsviido towards Saw Francisco. Journal from Montrovido K F COURSES WINDS LEEWAY Air Water Water Barometer REMARKS at L day of May,

29.55

Overeast Sky. KF COURSES WINDS LEEWAY Thermometer Air Water Water Barometer REMARKS Mon 6. day of May 1/907.
2850 Strong Jaw routines " Since In. Sp. Leiboring hard. 2950 HPM " Froks like rain 8 to 12 Mod" Thier fog at times Heeks full of weller fruging Jean all funge Tup. 2840 /2t 4 am. Still blowing 29.40 12to 4 hlo." from Wto Stee, strong Jale Heavy pross Thick Misty from Mn M. frage in vry bad shape HM. . Big Swell from St. Day ando. Blowing hard. 29.30 No Observations. Heing plenty of Que Lower water in For Pearl SWYM M.M. 29.30. Pemp vet seen to. · Lumpo I Lights sun to Thermometer
Air Water Barometer REMARKS LIW. 5. day of May. 1/907. HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS June 7, day of May 1 1907. nn.w. W. 6Pt. 27.30 Freshering Misty. Stirng Jale Heavy sea. MMW. W. 6Pt 39 20 4 PM. Wood Spt. 4 PMI. Spilwading up better Hung Oil Forward Tipes 8t 12 Heavy Snow. nn. S.M. 2910 8to 12 Truging ow. H am. Clearing Moderat An Fore Miz Topsail 28,45 Very Cold Heavy Cross sea. Set. L. Jop," M. 12to 4 Strong Galo W. Heavy Snow falling Haking some water in Fore Pear Pump, re carefully seen to.

towards Saw Francisco Yournal from Montrovide towards Saw Francisco. Yournal from Mouteverde Barometer REMARKS Med & day of May 1/90. HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS Liv 10 day of May 1 1907.

2 5 SWYW & ESE.

29,10.

LEEWAY Thermometer Air Water Barometer REMARKS Liv 10 day of May 1 1907.

2 5 Swy Water Squalls. Mod air S. 3-30 PM. Wind & ME. Heavy sea Str. 1, S. E. J7. EN.E. 2900 d. P.M. Mow Mod" 8t 12 Wind & Swow. 12. 4 " I. " 8 to 12 Lun Lqualls " G, Hu. Light air, E. 4., 8 Elvaring. 28.908 to 12 Correact Sky " S. 28,65 Fig swell coming from Brugning om again. from the M. H. E. Temp. very cold. 171x 7 ES. E. Some water in Four Vear Everything still froze. Timps or seen to. Some water For Veak. Wxs. 7 E. Line Juie served. Jumps or seen to. W. MHE. Wxs. S. Mot quite as cold. Leanhour Lasen Varie Line Juice served, Barometer REMARKS Thues gday of May 1/907. Thermometer
Air Water Barometer REMARKS Lat. 11. day of May. 1/907. 28.90 Overeach + Fresh bereze.
11 PM. Hanted, &. 28.70 Clear Mod. fee thaving out, 8 to 12 20. 2880 3 Topsails
H'PM Buging Freil
For Tops" Rufit Freil 4 " & Mod Cloudy. 28.90 4" 8 "Clearing."
Very cold. Plenty of fee 29.10 8 . 12 " E.S. E. not so cold. Some water in Four Pear. on Houses Muty of fee Fore Peak sent to. Fine fried served. 2900 Dice Lailor, Laun laid up, 4

Journal from Montevido towards Law Francisco towards Law Francisco. Yournal from Moutrouds HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS LINE 12 day of May 1/90 1 - Mx S. 6. 5 29.30 Cay May May Correast. HKF COURSES WINDS LEEWAY Air Water Barometer REMARKS July 14 day of May 1 1707,

1 2 M/4 MM GBF. 28 70 Shoring Jalu. Sea making up. Squally. Middle part ils" 8t. 12 Blowing strong minn in 12. 4 More Mod. 4., 8 " SM. NM. Lattie part Misty. 28,808. " Fishing Many Not much wind. Ou Scaman laid rip. Tumps re seen to. M. 78. Sumps Lights re. Fore Peak making Water in Fore Peak. Cur all well. 1900 Line Juice served. 29.40 Lune Juice sewed, Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. COURSES WINDS LEEWAY Air Water

Air Water Barometer REMARKS day of 1 COURSES WINDS LEEWAY Thermometer Barometer REMARKS Way 15 day of May 1 190 2940 Overeast Sky. Buging film n.m. Extraling from ME Hel H. n.n. st. 12 Rainy. Rainy. fu Lgu ally. Fu W. Topsails Terrifie Lgu alle. & Pm. Heavy Squalls. Eleuty Lightenry in M.E. E.T 12t 4 Terrific Squalls, " Th. 2900 In Miz L. Jop Foresail. 2800 4 .. 8 12 m. Blowing sliving Shipping quantities of Lights Lookout Aford, Plant, party sunt, Very sold, Sumps Lights respect. Line Juice served. 27.62 Systomis F. Peak, a 28.65 Our Sailor land rip.

4	Joi	urnal from	Philw	In Monte	and towards & Francis Pin James	Yournal from Phila ig Montevied , towards San Francisco.
	H K .	F COURSES	WINDS W.M. W.	LEEWAY Thermomet	Barometer REMARKS Thurs 16 day of May 1,90 27.62 Criefie Squall Rain Hail Lurw. 2800 Trainendons sea.	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS feet 18 day of May 1/907. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	4 / 5 / 6 /	"	"	"		Slendy fivind Snow Hail Region
	8 / 9 / 10 /				8 to 12 2lo.	8 2 With Min. " 8 Im How Sp. 10 2 With Min. " We ather the same.
	11 / 12 / 1 / 2 /	nn.w.	,	"	Mountain cons Sca. 28.05 Using plents	11 2 12 2 1 28.04 Latter part. Heavy
	3 / 4 / 5 / 6 /	,	••		28.05 of Cie Hsing plenty Deeks flooded. 8 t. 12 Herany Sa alle	Jale Big sea. 3 2 4 5 5 2 6 1 7 2 Flooded all the time 7 7
	7 / 8 / 9 / 10 / 10				In Lean en laid up. Pump re sun to.	8 " " Thew Sailors laig up.
	11 /	a Distance Dif	f. of Lat: Dep		28.06. Water in F. Peak.	20 5 Present Server Diff of Let Departure Let by D. R. Le
3	HKF	COURSES	WINDS	LEEWAY Thermometer	Lat. by Ob. Variation Diff. of Lon. I Lon. in Lon. by Ob. G. 37. M. Barometer REMARKS day of Manual 1.	Course Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.
	1 / 2 / 8 / 4 /	nn n	. W. (GPt.	Barometer REMARKS Fri 17 day of May 3907. Stirring Jalu. Heavy sew.	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Survey 19 day of May 1 1907 1 2 HM MM; 6 Pt 2800 Howing Strong Fall. 3 5
	5 3 6 1				Terrifie Squalle, 8t 12 "ils"	12 Pm Glas very foro- 6 ' 4 am. Terripi Squall. Buit. F. Top. Stays ail. 8 ' " " Fow L. Topiale. Furly. Mizzew" " Furly.
1	9 3 0 3 1 2		TANA WA		12. 4 More Cliav.	
	1 3 2 3 3 3	M. 7	nnen	"	28.05 8" 12 " " "	11 / Mrs. M. " 27.65 force of a Hurricane Gere full of water
	4 2 5 2 3 2 7 2 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1		"	er .	propuly sun to	Deepe frue of water Fore - aft. Jenny plouty of Oiv. Jenny sca.
8 9 10		*	"	,	Fre Pear seen to. Ins Seamen laid up. Antonis & Pierson.	8 1 S.E. S.M. Cumps or seen to. 9 1 10 1 Water in Food Peak.
12	Course	Distance ADI Diff.	of Lat. Depart	ture Lat by D. P.	Line Juier scroud	11 / 12 / " " " Soo Line Juice served.
-				58,18 k	Lat. by Ob. Variation Diff. of Lon. 10 Lon. by Ob.	Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.

Dournal from Thilw 49 Montevido towards San Francisco. Journal from Thela ig Montevedo towards Law Francisco. COURSES WINDS LEEWAY Thermometer Barometer REMARKS Mon 20 day of May 1,907.

Sta. Str. 6 Pt. 2800 Ship lying to Current ware ship lying to Current COURSES WINDS LEEWAY Air Water Barometer REMARKS Wed 22 day of May 1/907 M. M. M. M. G. S. G. Suron Squalle 4 PM Heavy sew came on Strong breeze. board Washed Port aft. Bout out of chocks. Heavy sew from W. Dies lots of atten damage 12to 4 Hail Surver H" 8 Thick of about 6 in on Deer, 12 Pm. Moderating some of am. How Ip" Lyng but still a big sen It. 12 m. for good the" James dons ged from Ino Sailors laid up. n.W. S.M. r staly Jumpo Lights resemt. Latoring very baid Set. Some water in F. Jean. at the Ford Jumps re Lime June served. seen to Two Sailors land 28.40 Hring Ole 24 Hours. Variation Diff. of Lon. Lon. in Lon. by Ob. REMARKS Jues 21 day of May 1907. Barometer REMARKS Thurs 23 day of May 1 1907. 28.40 Thier Surver. Tremen done seus. n. Mnm. " Strong buge. Som Verrific Squalls. Sum + Kan. 8to 12 Heavy Squalls, 12 PM. Heavy sew Smarked in after It Frames ~ all Hooding Cation. 28.10 History F. S. Cleaning Wind + spoiling all of our small stores in after 286° Lockers Had to cut avery Culing in Labin to get. 12 Wind MM W. Tome in to support york Theek surve about. Doors in Maship House, washed adrift House fue water, Carpenter Bosn's In Lailors laid up. had to slup Forward. Very cold. Plenty of few Tumps re sunto. Line Juie scived 28 60 from Juice served, Lat. by D. R. Lat. by Ob 63.25 M.

Yournal from Phila ig Monteviel towards Saw Francisco Journal from Milwing Montevied towards Law Francisco. COURSES WINDS LEEWAY Thermometer Barometer REMARKS Fi 24 day of May 1/907.

MX 7/r. WINDS LEEWAY Barometer Barometer REMARKS Fi 24 day of May 1/907.

LEEWAY Security Luovo. COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS Sun 26. day of May 1,907.

MX & MW, 4Pt 29.00 Sliving Burge Squally. 2) PM. Cleaning Wing St. 12to 4 Snow Squalls. Temp. 22°, 8.12 12. 4 mon mod. Thin SIM. 28.50 Mod! Rainy " 22. 28. 70 Turning to Rain raing Sp. Leed inp alaft very fad. How Ip. 12 Snow Squalls. Foresail 13 L. Sop" set. n. E. nnn. " Cue sactor laid up. St. 12 M. Heavy Luow. Last Water freiging on deer all this 24 Hours. M. M. Lights re sent. " 27° 28.95 making some water. 34° 28.40. Flear sent. Distance To Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.

COURSES WINDS LEEWAY Air Water Barometer Air Water Barometer A Service Serv Thermometer Barometer REMARKS Mon 27 day of May 1907 Mx M. S.S.M. 21965 28.95 Clearing some 12-30 2840 Ruznig and Squally. 29.10 Story Burgo. Stors More More. Luow. 6 Pm Wow Spi 8 to 12 Heavy Surver. Big Sea from It. n. Min. M. 39 20 12to 4 Very cold. Mod. 1st H Havy Surve 4.8 Buge M. M. Somp. 22°.
Making pluty of Lev. 28.40 4. 8 Cleaning between Surve Squalls. 8t 12 Buging Sp" rolling heavely' Lights re seen to. Lots of water on deck. Temp. 34. Light or F. Cear attended Sailors are well, 2900 Land Jue scroud.

The	Jour	rnal from	Phila	y. Monte	ivido towards Sa	in Francisco.	You	urnal from	Milwy	Morie	twee	l towards	Saw	Francisco	ev.
	HKF	COURSES	WINDS	LEEWAY Therm	mometer Barometer REMARKS	Legnalls . Eleaning	7 11 17	F COURSES	WINDS	LEEWAY	ermometer	Barometer REMARK	sta	3 day of MA	
	1 2	n.x M.	MAN	4. 4PL-	58.30	us 28 may 19.	1 1	The state of the s	71.	2 Pc	ir Water	28.40	hus	30 av or May	1/907.
	3 1				: Snow	Agnalla.	3 2					m.	d for	w N.	
	4 2	"		ч		Maury	3 3 4 2	"	*,	0,		H to	8	Snow La	mudlla
	5 2				8t 12	- Lle,	5 2								-ii acci,
	1 =				12. 4		7 3					0 " /		•	"
	8 1			σ	4.8	,,	8 3		••	a ₃		12.	∠	30 dav of May Now Sy Clear.	
	10 2						10 3					. 8.	2- 1	Thick Si	ww
	12 2		7	. 1	3,8 30	Very Mod.	11 3		Part of a finite for the security of particles and						
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	6 2					. Dig sew W.	5 3					Juny	S S. (Peak re	sunt.
	7 2			j.,.	of Peak	attended.	7 3	4,5,5,	710			Lin	I Juice	Decivil.	
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	10 3	MIN.	n.		Two Sa	ilors laid up.	10 3					o cy	- porg	Twip.	31.0: 1270
	12 3		•			ier served.	11 3		,,	1	,0	18 45			
	Course ya .ne	Distance Di	ff. of Lat. De	eparture Lat. by I			Course	Distance I	Diff. of Lat. De	parture Lat	by D. P.	Lat by Ob Variati	Diff of Lo	-	
	chania mia ma dan		,		57.43 8.	Diff. of Lon. Lon. in Lon. by Ob.	Z	21364130	5 in. 6. 2au B	parture Lat.	8.01	f. variati	on Dill. Or Lon	59.°30' 7	(by Ob.
	HKF	COURSES	WINDS	LEEWAY Air	Water Barometer REMARKS	ed zy day of May 190	TIK	COURSES	WINDS	LEEWAY The	ermometer Lir Water			1. day of May	
	2 3	MxS.	/(,		28.35	clear Mod.	1 3	Broke of	1 7191	1 PL					
	3 3	100				1 1	3 5	N'M	1.76	1 12		12-30	, The	ing IN.	
	5 3		PP.		4t 8	Lura Lynn	Cla, 4 s	"		**		Han	ling.	mun.	
	6 3				8.12	" Llu	6 5				eda taki sa sa kapanan ji pananan ja				0
	8 3	W.	MMM			••	7 5	m 7/2	wnn				V	Liver &	y. it does
	9 3					"	9 /	/(X //:	11.01		ere en partie en en en			žl."	
	11 3				4, 8	•	10 /								
	12 3	"	"		28.35-8. 12	Cleaning	11 /	0,	en e	**		28.50	8		
	2 2				~		1 1					8.	12	Clean	ing.
	3 4 2				Lee arron	und the decker	3 /								-
	5 3		"		alloft.		4 /	M.	. 9	η		Jord	Obs"	Light,	10
	6 2				Two Suc	ilors laid up.	6 /					Kaj ji	Then deed	, Lights,	J.O.
	8 2	M.	M.				7 /	71.0	71 41						
	9 2				FOcak.	re sunt als	9 /	1(X 6	11,11.	9				- laid -	up,
	11 2				28.40 Line Ja	ie sermed.	10 /					Line	Juiev,	served.	
	12 4	•	"		28.40		12 /	"	41	•		3.8 / 5			
1	Course	Distance Diff.	of Lat. Depa	Lat. by D.	0 / //	Diff. of Lon. 10 Lon. by Ob.	Course	Distance D	oiff. of Lat. De	parture Lat.	by B. R.	Lat. by Ob. Variati	n Diff. of Lor	n. Lon in Lon	, by Ob.
					57. H6.	59.04 M.						58.25 8.			0.36 m

H								ancied,		Jo	urnal	from	Phila	Vig Mi	ositev	cido toc	vardsS	aw i	rances	ies .
	HKI	COURSES	WINDS	LEEWAY Thermo	ometer Barometer	REMARKS	/- /- day	y of June 1/9.	H	K	F c	OURSES	WINDS	LEEWAY	Thermomet Air Wat	er Barometer	REMARKS	Now 3	day of Ju	w 1, 9, 7
	2 /	MXG.	NNI	406	28.65 Ca	lie for	m W.	n W.	1 3	2	M.	n. W.	S.	4 Pl		29.02	Corre	st.	. 0	//0/,
	4 5	MAN	× 6 0	aw.	3	Pm.	ai	N W. Clear.	3	2	1	nn	WITH	7			4-30	Ne	ally &	Culm.
	6 1							l'aiv "	5	2/		M.	n.	100			9-30	The	n Sp	
	8 3	e ₁		4	12	,, H	Bu	suing Surver vast. Thier	7 8	1	2	000					hauli	Verry	hi Sq	alin Fel.
	10 4				+	, 8	Over	vast-	10	THE RESERVE OF THE PARTY OF THE	WHEN THE PARTY OF			•			fu n	iz 1.7	11. Sap.	also Isl.
	12 <i>4</i> 1 <i>5</i>	,	72		28.70	. 12,	Free	Juin Their	11 13	1	4	"	•,	w		29,00	gam.		Horn &	Squalls,
	2 5				1	now,	Jun	W. Thick	2	/										Some,
	4 5 5 5	r.			2	valita	Look	out. F.P.	4	1		M.	S.	4			Temp"	down	to 2	0;
	6 5		0			Pump	- sun	to.	6	2				*			Timp	· L.	glets I	F. Cours
	8 5-	*	M.		Qu.	ii Sa	ilor le	uid up.	8	1		•	••	*					Served	
	11 5				2	in J	mier ser	ord,	10	2										
	Course vd .n	Distance no Dif	f. of Lat. De	eparture Lat. by D.	28.75 T	Variation D	Diff. of Lon.	on, in Lon by Ob	12	2		•		91		29.01			laid "	
	TVT	GOURSES		5-7./	9 d		5%	9.°15 W.		Course		stance D	iff. of Lat.	Departure	Lat. by D. R	Lat. by O). Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
	the characteristic control of the ch	mn.W.	WINDS	LEEWAY Air V	Barometer R	EMARKS	v 2. day o	June 190;	H	K		OURSES .	WINDS	LEEWAY	Thermomet Air Wa	Barometer	REMARKS	mes 4	day of	w, 1/907.
	3 5		00		Te	west	Luve	mod'	2	2				212		27.01	Luon	Lgy	ralls	low I.
	5 5-	"	M 6.		8 t	112	Fresh	hung	4	3-		,	u -	4			Every		ueze j	ion 4.
	7 5-8 5-							heing Thier.	6	8 8							Iff of	ev on	no	in deek in deek in about
	9 6				12.	, 41	"	, , , , , , , , , , , , , , , , , , , ,	8	3	,	•	"	1.		The state of the s	fast	w it	come	a about
	11	•			60 15	8	0,	99	10	3								U	on th	
	1 4 2				29.00 12		l'ei	if mod!	13	3			'n	,	10.	2900	^		ut?	Zlo,
	8 6 4 6	Mx M	"		710		Pump	- Lights y seen to.	3	2		\$					Latter			,
p	5 5- 6 5				7.0	cak. e	arefull,	y seen to.	5	2		f'	•	4	10;		Sailor	Frost	perton bitten	has
	8 5	"	S.		Que	Sail	or lais	e rup.	6	2 2							board:	lactor	Newber	19. foot.
	9 5-				Lu	in Ju	new son	rved	9	2		tr.	**************************************	4	120.		Cant	work	Beau	
	11 4				29.20				10	2		1170000							gear t	
	Course	Distance Diff.	of Lat. Depar	Lat. by D. R		ariation Diff	ton. Lon.	Lon. by Ob.	12	Course	Dist	cance Di	ff. of Lat. D	Departure	15, Lat. by D. R.	29.01.	Variation	Diff. of Lon	Lon. in	2 3
				10/,50	O. H.		61.	30 M.		100					57.30	f.		J. 01 2011.	64,50	W.

F								pwards &					ırnal from								
	HK	F cor	URSES	WINDS	LEEWAY	Air W	ater Baromet	er REMARKS	Med 5	day of	nu 1,907.	HK	F courses	WINDS	LEEWAY	Thermometer Air Wat	Barometer	REMARKS	Twi 7	day of Ju	nex 1907
	2 2	11	nm	X.7.11	2/2	715	29.0	Very	mod	rosey	Lold.	2 /	nn	NIM	4 0		28.70	Clear	· Hus	cherin	nex 1907.
	3 5 4 5		7	7	,			Ever-	Thin	g free	gring			•	v			4 Pm.			
	5 1 6 2							111		-	bitten.	5 /								1)	rally.
	7 2 8 2		,	**	1 1 1 1 1			•				7 /		.,	6			1.			Strong
	9 1 10 1			SM.						<i>,</i>	Cold.	9 /	,					10			
	11 4			,		120	1 11 00	Latte	v pe	ut i	Mry"	10 /						Every-		"	
	1 5						27.0	Jettin	eg It	w fee	I chav.	13 /	"	•		10.		4t 8			
	3 5							Froze				3 /						8. 12		-/	
	5 5				,			Pump				4 / 5 /	,	•	•			Man &	havi	not go	or suf.
	7 5							ales :				6 /						freet up	- clothe Blan	res. ic	Have to make
	0 1	· n		•	•	//.					dup.	8 /	MMI	n M.	"		A	Mits o	Erells.	. Temp	6"
	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											10 /									
	Course	of the Distance	Se va Diff	of Tab.		21.	29.02	Line	/			12 /	,,	,	"	14.	2890	Zine &	mice s	reved,	
				of Lat. De			1-2-1	Ob. Variation	Diff. of Lon.	Lon. in	Lon. by Ob.	Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ol	O. Variation	Diff. of Lon.	Lon. in Lo	on, by Ob,
	IK	F cour	RSES	WINDS	LEEWAY	Thermomet Air Was	Baromete	REMARKS	Times 6	day of	ine 1907	HK:	COURSES	WINDS	LEEWAY	Thermomete Air Wat	er Barometer	REMARKS	at 8	day of Jane	v 1/907.
	2. 3			A A II		(5-21,	24,0	1/2to 4	Su	ever r	1907. Coly	1 / 2 /	nnn	2 M.	6 Sts	14.	28,90	Luno	Lgr	alls	v 1/907.
13-71 70 10 10	4 3	-		٠,	9			4.8			Sleet.	The same of the sa	"		The second second second second			And the second s			
	6 2		7					10			ng again	5 5						Buez	mg ou		
	8 2	717	W	In.	•						NE.	7 1	n m	71-17	2			8t. 12	Hea	my Sq	walls,
1	9 / 0 /							Hu 8.	"	from ;	The	9 2	/(.//.	WS M				12.4			
1	1 / 2	n.		n &	_	15-					Lugo,	11 2	,,					Big A	ca n	rakin	9 M.
	1 2 2			.7.								1 2	"	•	"			Main			
	8 3			M.				of the	est of	- them	rep. No Good	3 3							' //		
-	5 4	Villa State						Clear o			— () x	5 3	.,	7,	7		39.10	as it	Come	s dow	v soon
,	3 1	n.	5	W 71 71				Lights			<i>4</i> ₹	6 3 7 2		0				Four			
		// X	6	nn.n.	1		7	F. Pear.	Pu	mps		8 2 9 4	NHX,	MIN	4						unto,
. 11		ni	m'	M.J.M.	•			Line Ja			i i	10 2	n. m.	0 "							
12	Course	Distance	Diff.	of Lat.	artura	24	28.70					12 12	31	"	20		29.20	Fine C	Juin	served,	
1				Бер		Lat. by D. R.	57-12	Variation Variation	Diff. of Lon.	63.00	Lon. by Ob.	Course	Distance	Diff. of Lat. D	Peparture	Lat. by B. R.	Lat. by Ot	. Variation	Diff. of Lon.	Lon. in Lo	on, by Ob.

								- Canciero		Your	mal from	Phila	Tig M	onteve	ids tou	vards Sa	w Fro	meraid	
H	KF	COURSES	WINDS	LEEWAY TI	hermometer Air Water Baromete	REMARKS	luce q de	ay of June 1/	907 I	IKF	COURSES	WINDS	LEEWAY	Thermometer Air Water	Barometer	REMARKS I	us 11 day	of Jane	1907
2 3	1 1			6000	29.2	Luon	Lyn	ay of June 1/ alls Thick		1 3	MM.	MJ II			29.30	Mearly	- Co	of Jane	,
4 5	1 1	,	"	"		Big se	ea Us	ung Oie,		3 1 4 4 4	E 1 &	117	7			Sh.	* " +	Clean	
6 7	2 2	- X-30-								7 5	ES E.				5	Could in	es s.	MrE aki our	
8 9	2	"	"	"		Midde	der Ju	act " "		8 1 2 2	,		•			4 Pm.	malls	Shirtan	e off.
10	2				i bam	Lattu	part	more mo	g" 10	0 2 1 1 1						8 to 15		Sp. Sgru	ally.
1 2	r			"	39.00	Thing	Ste a	to am.	1:	3 2 1	,		•	15,				y Survo	
3 4	2 5		"	0				id up,	4	2 / 3 /						H11 8	4,	**	•
.5 6	2						_ ()	wto,		5 /						1			
8	2	"	",	.,			Fore Ver			7 / 8 /	•	a				1		Temp.	
10	2 -	S. Th.	S. E.					scroed.	10	0 /					(Two Fr	en la	id rep.	
12 2	1070 of	"			29.10			sew attu	nes 11	2 /	•	•	•	21,				to also	
Con	irse	Distance D	oiff. of Lat. De	eparture Lat.	by D. R. Lat. by Ol		6	Lon. in Lon. by Ob.		Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation I	Diff. of Lon.	Lon. by C	Db.
1	X F	COURSES A WAY.	WINDS &	LEEWAY The	Barometer Barometer	REMARKS //	low 10 day	y of June 1/9	907. E	KF	COURSES	WINDS	LEEWAY P.	Thermometer Air Water	Barometer	REMARKS /	of 151 day	oi Jane	1/907.
3						Lury.	leig .	mod.	\$	2 /	4.	1000.11	, , , , , , , ,					Melin	
5 6	, +	MJ II.	**	,,		4 to 8	Hear	y Squal	W.	5 2	nnn	M.	6 Pls			H-30 /m	v Lh"		
7 /		"	•,					Do		7 2							^		
9 /						8 t 12	m	od flynd	3	0 2	"	4	91			of sur	w,	ally Pla	uly
11 /		n	Pp.	o ₁	29.20	3 Marti	d Sp.	od Clear.	11 12					15	6.9 54	12to 4		hlo	. 3
2 /						Every-to	tring of	lozen,	1 2							8-30		rd. Sp.	
4 /		er	۰, (l,			below.		3		1	,	n			8t 12 Big sea		earing'	
6 1 7 2		71 71	71 0 11			•	u lai		5	3					8	Every-thi	ng fu	zew sep	,
9 3		11 M.	m.m.	7			re seen		8	3 3	Sx &.	S. Vr.				haid. La	make	zew sep	day.
11 3				*		TO J	mied ser	wy,	10	3						Ford Oto.	Strong	E. Pur	rent.
Cours	se was	Distance Diff	of Lat. Depa	arture Lat, b	29.30, y D. R. Lat. by Ob.	Variation	Diff. of Lon. Lo	on, in Lon, by Oh	12	Course	Distance	Diff. of Van		27:	29.35				
				56	ion of	2000	64	4.30 W.		·	Distance	Din. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation D	oiff. of Lon.	Lon. in Lon. by C	27

Yournal from Guile ig Montevide towards Saw Francisco Yournal from thelwing Montands towards Law Francisco. KF COURSES WINDS LEEWAY Air Water Barometer REMARKS Thrus 13 day of Janu 1/907. COURSES WINDS LEEWAY Thermometer Barometer REMARKS at 15 day of June 1907.

LEEWAY Thermometer Barometer REMARKS at 15 day of June 1907.

LEEWAY Thermometer Barometer REMARKS at 15 day of June 1907.

LEEWAY Thermometer Barometer REMARKS at 15 day of June 1907. M.M.E. " Big rea from the S. 4 to 8 Surve Squalls at 12 M. find we are still 12 Pm "There Sp". making & their being a strong current to no show fa cliange. For the good 4 to 8 Cleaning of all conequed fact of our crew being laid up. ST. SSE. 29.50 8. 12 Clear, Colf. 29. 9 with Frost Bites 1- sores. + as they have not sufficient Three men laid up. clothing to sland this weather The Capt has decided to. Two badly frostbitten. Dressed his Hung. Run The Gastern down arround australia. Rept Sp." off from Str. greeze continues Light Lookout & Ford Peak sent to . Cant find leak metil me get lool For men laid up t cloved; with bad some on lege o hands Set whole Tops 2970. Limefuer scroed. 29,90 Vopgels, Evything seen to. COURSES WINDS LEEWAY Thermometer Air Water

M. ASM. 2Pt., 2 Barometer REMARKS Tri 14 day of June 1907. Air Water Barometer REMARKS 16 day of June 1 1907 MM. E. S.M. 29,90 Passing Squalls. Tay Mod. Wind hanled MM. Str. 1Pt. Status Island. bearing. Made Mr. M. Work Ho. Overeact & Strong HMM. How Sp. fand bord. Middle fact the" 29.80 Big ha firm the S. 39.85 Latter " " Snow fluis 12to 4 Hazy Misty Four men still laid up. also For Poar. Strong Current to the &. Thew Sailors laid up. Plenty of Line June served, Jumps re seen to, Saw Sp" going M. 29.85 fine Juice served, 5,

The second second second second second						San Frances		Jou	rnal from	Phila-	lig Mout	wielstou	vards San	France	iiev.
H	KF	COURSES	WINDS	LEEWAY The	ermometer Barometer REMAR	KS Mow 17 day of June	w 1/907	HKI							
1 \	5-	nnE.	WIM		29.80	ge fusluming	- //-/-	1 /	ME.	n.	6 Pts.	29.40	Trug	19.	nu 1/907.
3 4	4							2 /			•		Blowing	Hard	
4 4	4	lı .	7		Rufe	of UToprails	•	4 /	ENE,				· · · ·	Pan	ry.
6 4	4							5 /					Big sea	nnE.	
7 8	3	"	W.		Mud	Idle put ble	vwnig	7 /							
9	3	"	nm.		sur	dle part ble y Heavy sea	1,	8 /	1	*1			Middle) puch	"ils"
10 0	3							10 /						/.	
12	3	M.E.127	nni	286	7	- 4 / 1/ -		13 /	0,	4	. 26.	29.20.	10		
2	3				- au	a pair sum	9	1 / 2 /					Latter		
3 4	3	,	"	•,	Sua.	n aking finn	MM.	3 /					Tim me	wlaid	up some
5 3	3							5 /	•	*	eş.		Mostbi	tes,	
7 3	3				up.	men still	land	6 /		•			St. Ti	X	IP-15
8 3	3	4		"	Mind.	to Man		8 /			97		to try	find lea	F. Peak.
10	3				perp	its foodout out	U , .	9 /					Cights,	He / Desse	it.
11 12	3	·	••	70	29.90 alles	F.P. mashing for	. I Salvett	11 /							
Cour	rse va inc.	Distance Di	ff. of Lat. De	eparture Lat. 1	by D. R. Lat. by Ob. Variati	on Diff. of Lon. Lon. in	Lon, by Ob	Course	Distance	Diff of Lot	D	29,100	Line Ju	ice serv	cel,
Case See					52.38.8.	on Diff. of Lon. Lon. in 57,05+	M.,	Course	Distance	Bill. Of Lat.	Departure Lat. by	57 Lat. by Ob.	Variation Diff	54 H	Lon. by Ob.
HK	C F	COURSES NELL M	WINDS	LEEWAY Air	r Water Barometer REMARK	Sucs 18 day of min	v 4907.	HK!	COURSES	WINDS	LEEWAY Air	meter Barometer	REMARKS	day of	me 1/907,
2 3		1101211	, , , , , , , , , , , , , , , , , , ,	201	19.40	Heavy Say		1 /	NE.	H.	6 Pl 310	29.10	Justi		,
3 2 4 2		6	5					3 /						Jule.	
5 \$	•				8 to 1	2 Storing of	Tule.	5 2	•	• •	" "		Thier !		
7 5		50 0			151		, P.	6 3					omin .	AD -	7
8 %		1.8.	\mathcal{N} .	6 "		<i>*</i>	Many	8 2	4	. 4	· a		12ts H	ctean	ng som
10 /		J.				8		0 2					4,, 8	> ""	"
11 /		Vo.	4	4	29 100 8 - 1	2 .,	. ,	11 5	700 50	5000	1 , 0		8. 12	Partiale	ly Eleav.
1 /					Big &	ea from the %	1	13 5	n Exn	n, n. Vi	7 " 50	29.20.	Set 3, M	Toprais	ls,
8 /		En E.	7		Sp" ly	ing to		2 1							
5 /						ing to Haing	Oie,	4 1	n		9		Jord Obo	. ar 12	WI,
6 /					Three -	men laid up!		5 2					t.	11:10	ub.
8 /		٥	•	4	P.			7. 2				•	Tivo men	ving .	X
9 /		6 E			gamp	· re sun to		8 2 9 3	11	"	4 "	0	Cighto r	demos	4.
11 /					Line (Juin served,		10 &					min Juies) served	bluster
. 12		•0	- 0"	•	\$9.40.	, and the second of the second		12 3	3.41	Mr.	33	219.30	mu puice	July 9.	
Course		Distance Diff.	of Lat. Dep	arture Lat. by	y D. R. Lat. by Ob. Variation		on, by Ob.	Course	Distance D	iff. of Lat. D	Departure Lat. by B	R. Lat. by Ob.	Variation Diff.	of Lon. Lon. in	Lon. by Ob.
				07,	J 0 3/1.	55,18 7					1	52:00	d.		54:00 m

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T.					ittivuid towards La		Jour	rnal from	Phila y	Monta	weids towards Saw Francisco,
	HKF	COURSES	WINDS	LEEWAY The	ermometer Barometer REMARKS	5 2 1 day of June 1 1911	HKI	COURSES	WINDS	LEEWAY Therm	nometer Barometer REMARKS 2 3 day of 1 1
	1 2	nx &	nn	2 /2	29.30.	5 21 day of June 1/90	1 2	MIN	nnn	2PL.	29.10 Sun 23 ang 1907
	2 5				Eleav.	~ good bugs	3. 2				Elear 7
1	4 1	"	.,	."			4 1	4	9		Mish bulge.
	5 5 5 5 7				7.60	Bueging Hazy	5 2 6 3				Water Barometer REMARKS Lune 23 day of Aug 1/907, 29.10 Clear Fish burge. 8t. 12 Squally Rain
	8 2	MxW	1. W.	7		Squally,	8 2	,	**	",	12. 4
	10 2						10 2				4,8
	11 2 12 13	"	••		29.10.	Cleaning	11 5	A	er	4 Pt.	28.90 8 1. 12 More Clear.
	2 3						1 2 2		-		Big sea from W.
	3 3				Jow n	un laid up.	3 2				
	5 3				Jump	Poar .	7. 5 2	4			Light Lookout re. sun t. Some water Fore Pearl Cant find the leak.
	7 3		,		alles F.	Pear .	6 2 7 2				For Pearl
	8 3	•	4				8 2		"	•,	Cant find
	10 3				June 1	suce served.	10 2				The least.
	11 3	1			29.10		. 11 2				28.80 Juie scivil.
	Course	Distance	Diff. of Lat. D	eparture Lat. 1	by D. R. Lat. by Ob. Variation D	iff. of Lon. Lon. by Ob.	Course	Distance	Diff of Lat D	anortura Lot by	DR Later Oh Walter Big of Later And Later Oh
				53	2.418	5-2° 115-7h				cparture Lat. by	50.27 M. Sol. 20 M.
	HKF	COURSES	WINDS	LEEWAY Air	rmometer r Water Barometer REMARKS	1 22 day of June 1/909	HKI	COURSES	WINDS	LEEWAY Air	Water Barometer REMARKS Month 5 4 day of January 1 1907
	2 3	11 X IF	11,11,11	. 202	29.14. Lan als	t 22 day of June 1/909 by Altiong.	1 2	NXM	m.	HPG.	Water Barometer REMARKS More 24 day of Janus 1/907 28 80 Burging on Strong.
	3 3					1 mong	3 2				sugning on strong.
	5 3		7				4 1 2 5 2	•		**	
	6 3				Middle	part di	6 3				8t. 12 Stoney Raining
	8 3	*	**				8 2	,,			18. 4
	9 3				L'attie	part more	9 5				
	11 3	My W. W.	Tr.		Eccar. 6	part more Rig swell from W.	10 2				4,8"
	1 2	1 1 11	77.	7			1 1 5	•	•		2900 8, 12 "
	2 12 12 12 12 12 12 12 12 12 12 12 12 12				Three sa	ilors laid up,	2 2				Big sea from M.
	4 5	7	••	•		re sum ti.	3 2				Put Galt Poll
	6 2				ales Fre		5 2	"			Jump Lights Lookout
	7 2				The state of the	s earl.	6 2 7 1				sunti.
	9 2	•	•		Line 2	ice sund,	8 2	4	**	•1	Two men still laid up,
	10 2		•			co sur cu,	10 2				Line Juice served.
	12 2	Bq.	at		29.10		11 2				602
	Course	Distance D	iff. of Lat. Dep	parture Lat, by	y D. R. Lat. by Ob. Variation Dif	f. of Lon. 10 Lon. by Ob.	Course	Distance	oiff, of Let	parture Lat h	TO B. Lot by Ob. Westerly Div.
					57.411.	50:45 m.		B	De la	parture Lat. by	D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.

	ournal fr																			wards Le			
HK	F COUR	SES	WINDS	LEEWAY	hermometer Air Water	Barometer	REMARKS	ues.	5 5 day	ay of Jan	w) 90	7 H	K	F	courses	WINDS	LEEWAY	Thermometer Air Water	Baromete	REMARKS	Tues 2	7 day of	mu 1/90;
2 3 3	F COUR	//.	"	400		7.20	Blown	ng -	Lles	rug	R:	. 1	5	/(n x E	n.W.	6 Pt		28,9	Bugn	ig "	n f	Lanall
4. 3	"		"	,,			st.	12		4	"	3	1				3,750						
6 2							'S	4		•	" Sle	b 6	1							-			Many
8 2				",		1	4" 8	r	R	lear	ing.	8	1		′1	•	"						ing hard
10 2						. 8		٤.				9	1							Tremen	don	Ma	
11 2 2	"		,	**	2	9.001	Pauge	Lea	fr	ion	T.	11 12	1		ti		"		2900	Tremen 12te + 4, 8			zl.
2 2												1	//					/		4" 8			
4 2	4		.,	•							leur to		1		"	"	"		29.3	8. 12 Big	see	Cle.	anny
6 2							his	lear	v pe	g the	wer Pla	5	1							Jumps			
8 2	•,		•			· C	Slate g	etlin	for	v-(Los	Newson	tu) 7	1										
9 1 10 2						4	sing)	Centre	ut.	-		9	3							Fore O	east.	Plat	tu rustie
11 2 12 2	•		6		Zs	60 6	Time Jo	aclor	-la	ud.	rep.	11	N N						1910	Que	Souls	- lui	tu rustie Ty lement d'up.
Course	Distance	Diff. of	Lat. Dep	parture Lat.	by D. R.	Lat. by Ob.	Variation .	Diff. of Lo	on. L	Lon. in	Lon. by Ob.		Course	1	Distance Di	iff. of Lat. D	Departure	Lat. by D. R.	Lat. by	Ob. Variation	Diff. of Lor	. Lon. in	Lon. by Ob.
HK	COURS	s v	VINDS	LEEWAY The	ermometer B	19. 14.	Y.		14	950	M,	45		73				Thermomete	47.2	18.			Lon. by Ob. 1
1 2	F COURSE	n m	J.M.	4 Plan	Water 2	8.60	n a company	ry s	Co day	of June	w 1/90	7	2	T.	Mx E.	WINDS M.	6 Pl	Air Wat	Barometer 29	REMARKS	w 30	day of	mu 1/90
3 /						e	learn	ng 1	tha	aulu	ug S. W	2 3	1						1,	0			ev.
5 /				.,		8	Pm	He	avy	1 La	gu all	5	1		"	•					-		
7 /	WW.		071									6 7	1							8 to 12	- v	Heavy	Squal
9 /	1115		SM.	••			Lum Lum	rt	leet	-		8	1		"	••	"			12. 2		"	1 SM.
11 /							3	p. L	ym	g J.		10	1							2) 4 8		JI m	g Soll:
1 5-	n'n 8		in.	9			am.					13	1				•		28.7		-		vy Jale
3 6						4	t. 8	_	Sq	n al	ly.	2	1		mn	S.M.							
5 6	,		**			ø.	Slut,		······································	,		4	1		<i>e</i> ₁	4	a _p			Truy-	alt	2 Ju	el frais
7 6	40	7,	21			0	w m	aw_	lai	of up	6,	6	1							Even to	for	the sai	Maning Or
9 6	1161	//	//·.			11	orkin	g on	步	n O	cas(.	8	1		h	7	97			16			
10 6						J.	unp.	re,	su	w	`,	10	1							Pump			
12 6	,		9'		139		ine Ju					11	1		4	//	"		28.60	Que me	yaw.	land	U. S.
Course	Distance	Diff. of La	at. Depar	ture Lat. by	KIND AND DESCRIPTION OF THE PARTY OF THE PAR	The second second second second second second	Variation			Lo Lo	on. by Ob.		Course	D	istance Diff	f. of Lat. De	eparture	Lat. by D. R.		b. Variation			Lon. by Ob.
W. Maria			5450 Mg 1846	SALE MANAGEMENT			(Albandarian Propinsi	ALC: NO.	10								1		146,3	3. H.			45.00 M

	Journal from Phila ig Montevide towards Saw Francisco.					Journal from Phila in Monteweitowards Saw Francisco.			
	H K	F COURSES	WINDS A.M.	LEEWAY Thermometer Barometer REMARKS at 29 day of Janue 1907. LEEWAY Air Water Barometer REMARKS at 29 day of Janue 1907. Stiev blowing had r Legually.	HKH	courses ME.	WINDS LEEWAY	Thermometer Air Water Barometer REMARKS Move 1 day of July 1,907	
Press,	3 6 5 6	NN &		Squally.	3 5	,	mnn.	Clear but Sliving	
7	6 6 7 6 8 6	7	"	Middle Jour "hlo"	6 5			8 to 12 7lo.	
	9 6 10 6 11 6 12 6	•	7.	28.80 Tremendons sea	9 5 10 5 11 5 12 5 1 11		n w	4. 8 Mon Mod.	
	1 6 2 6 3 6			Shipping quantities of	12 3 1 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1	,	M.W.	Lea going down	
	4 6 5 6 6 6 7 6		7	matu .	4 H 5 H 6 H	"	***************************************		
	8 6 9 6 10 6	M ExM		fights re sem to.	8 4 9 4 10 4	•	,,	Light re seents. Prew all week.	
	11 6 12 Course 10	Distance and I	Diff. of Lat. Dep	parture Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	11 # 12 # Course	Distance	Diff. of Lat. Departure	29.90 Line June served.	
]	HK			1784.53 y. 143.56 V	HKI	COURSES	WINDS LEEWAY	Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. 43.03 V. Thermometer Description Diff. of Lon. Lon. in Lon. by Ob.	
	1 6 2 6 8 6	NEX M	M.	LEEWAY Thermometer Barometer REMARKS Line 30 day of June 1/907 29.60 Big sea Blowing Hand.	1 44	M. E.	NW.	Thermometer Air Water Barometer REMARKS Lives 2 day of July 1 1907	
THE STATE OF	4 6 5 6 6 6	170 000	",	Thier Rainy. 8t 12 Clear,	5 4 4 4 5 3 6 4	•		Fried Good bruge. 4 PM. Mon Mod.	
1	8 6	9,		12. 4	7 3 8 3 9 3	•		St. 12 Hozy. "	
1	1 4 6		77-	59.708. 12	10 3 11 3 12 3	EM 8.	n. 1Ph	298. 4. 8. "	
	2 6 8 6 6 6 5 5	9	7	Shipping quantities water	3 2 4 2	••	tr fr	Big swell STr.	
	5 5	•	.1	Temps re seent to Using Oil.	5 2 6 2 7 2 8 3		Mrs o	Pump or saw to.	
10	5 5	4	y	Line Juie served.	9 2 10 2 11 2	10	570	Line Juie suved.	
	Course	Distance Di	ff. of Lat. Depar		Course	Distance I	Oiff. of Lat. Departure	Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	
				175.4/14.				42.59 S. 38.46 M	

Yournal from Ilila ig Montendowards Som Francis. Journal from Ilila ig Montevide towards Saw Francisco. KF COURSES WINDS LEEWAY Thermometer Barometer REMARKS The 3 day of July 1,907

LEEWAY THERMOMETER BAROMETER REMARKS The 3 day of July 1,907

LEEWAY THERMOMETER BAROMETER REMARKS The 3 day of July 1,907

LEEWAY THERMOMETER BAROMETER REMARKS The 3 day of July 1,907

LEEWAY THERMOMETER BAROMETER REMARKS The 3 day of July 1,907

LEEWAY THE BAROMETER BAROMETE HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS Frois 5 day of July 1,907

1 6 1 X 6. Shu!
2935 Sliving Galu. 7 7 7 7 7 7 7 7 Big sew. for ming L. Topsail 8 to 12 Heavy Squills. In arm. Burge ISE. Misty Thier. 12.. 4 29.50 July U. Toprails. 2950. 8" 12 Cleaving Strong Sua from. M.E. of. Sew from. SE of M. luv all well. Luantilies of water our MX & Sol &. 7 7 7 7 7. E.M... Gump. re sum to. Jumps se sun to. Some water J. Pears 29.10 Line Jane serveds, 29.80 Line Juier server, Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. 42. Hol. Lat. by Ob. Variation Diff. of Lon. I Lon. in Lon. by Ob. 37. 20 M. MX & SSS WINDS I Barometer REMARKS Thurs H day of July 1907 Thermometer
Air Water Barometer REMARKS of 6 day of July 1 1907 MEV71. S. 2980 Strong Linge. Freshering Cloudy.

8 t. 12 6 676 " Big Lea. 12. 4 Squally, 8t. 12 More Mod" nn. E. S. zam. Wind St. 29,20 Low Jopg" M. Topsails. 29.70. Star from SE. ST. EXM. S.M. Big Lea. S. Dur all well. 6 Lat. by D. R.

H					turid towards x			Jour	rnal from	Phila	Moute	veida to	wards.Sau	Trans	iceo.
	HKF	COURSES	WINDS	LEEWAY Thermon	Water Barometer REMARKS	lun 7 day of	July 1907	HKI	COURSES	WINDS WINDS	LEEWAY Air	Water Barometer	REMARKS Jule	o 9 day of	ally.
	2 7 3 7 4 7	,	0		meter Barometer REMARKS 2976 Clean	Miny for	ishing.	3 5- 3 5- 4 5-	€.	Th.			Rainy 6 Rm Q	Busin	ally.
	5 7 7 7 7 7 7		•		4 to 8	sle	Squally	7							in the state of th
	8 7 9 7 10 7	0	. "		12. 4	,,	mn m.	9 /	"	. "	."		12to 4	"	lqualls.
1	11 7 12 7 1 7	" (7,		2950 4" 8	Heavy	Jule. Squalls	11 /	Я	"	6	2900	69m		
	2 7 3 7 4 7	6	THM M		Big	seal.		3 / 4 /	, , ,	4	3		8 to 12. Big Se		Squalls,
	5 7 6 7 7 7					all wee	相對性的特別的特別的可能的	5 / 6 / 7 5		W.		.	Cur a	u well	·
1	8 7 9 7	Ex I.	*,		Line			8 5		,,			Jumps.		
1:	1 7 2 7 Course (0.01)	" \	ff. of Lat. Dep		29.30			11 12 14	"	À		29%	Line Ja	nier sur	rd,
	K F	COURSES	WINDS		R. Lat. by Ob. Variation 38.06 REMARKS 2930		13100 M	Course H K F	Distance	Diff. of Lat. De	LEEWAY Thermo	D. R. Lat. by O	b. Variation Diff.	of Lon. in	Lon. by Ob. , 28,16 M,
1 2 3	7 7	Exis.			2930 Stern	g Juli	my 1-907	1 4	€.	Th.	Air	Water 29%	REMARKS The	n ally	
5 6	9 /	nnE.	n.m.		4 PM.	Bengles	Left.	4 <i>H</i> 5 5 5	,	*			Blown	9 Sun	ng.
7 8 9		מ ה'ת	Th,		GRM Cightin	Plenty The	Elms fui	7 5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,			12. H		T Squale
10 11 12	*		,,		S.g. Heavy	Man,		10 5					Hi 8		2
1 2 3	4	E12 8	,		i am.	The ph off	again	13 5 1 5 2 5	"	*			8: 12) Still (2)	<u> </u>	Sliving.
5 6	4		••	1	Lt. 8	a sunning Sgr		3 5 4 5 5 5	E.x. S.	7mm	4		Q' 1	re sun	
7 8 9	4 4 5-	•			Priv o	ue well	ing Oct	6 5- 7 5- 8 5-	"	,			Linu Ju		
10 11 12	5 5 5		v		sa Pump.	re sun to	ing Well	9 5 10 5 11 5	ES 6	W.					
	Course	Distance Diff.	of Lat. Depart	ture Lat. by D. R	Lat. by Ob. Variation	Diff. of Lon. 10	Lon. by Ob.	Course	Distance I	Diff. of Lat. Dep	parture Lat. by I	2960 D. R. Lat. by O	by Variation Diff.	of Lon. Lon in	Lon. by Ob.

Journal from Thila in Montevide towards Saw Francisco Yournal from Phila ig Montevide towards Law Francisco. COURSES WINDS LEEWAY Air Water Barometer REMARKS Thurs 1 day of July 1907.

2960

12-30 He any Squall. HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Lat 13 day of July 1/907

1 / SEVE W. aw. 2995

Try light aw M. 1-30 Cleaning. 4. Pm. Freshing. Sto 12 Blowing hard E. Str. 8 to 12. Muy hugo. 12. 4 12: 4 4" 8 " 29.708, 12 mon mod, 2980 H. 8 " Flordy Big sea from S. 8. 12 Overact Sky. EME. S. Sp. Rolling had. 116x & 4 Resonace week. The setoring front betes. Tumps or seen to. Crew all well. Some water in J. Pear. Ex# " Some water F. Cak. 299 Lune Jane sured. 29,70 Line Juier surel, Lat. by Ob. Variation Diff. of Lon. I Lon. in Lon. by Ob. Lat. by Ob. Variation Diff. of Lon. I. Lon. in Lon. by Ob. 100.08 M, COURSES WINDS Thermometer
Air Water Barometer REMARKS The 12 day of July 1 407

May allow dy. HKF courses winds

1 5 XEXE, W. Barometer REMARKS from 14 day of July 1 1907
2970
Christy Ovice ast. 6×71 18. 8 t. 12 " Freh Bugo. 8 fm. Sudden shift to EM E .. 12. 4 Less Wind, 8t. 12 Heavy Rain Squale H., 8 Nearly Dalm. 29.90 11-30 Air from M. Big sea & E. & S. Very Cold Verif 22. Jumps re sum to, . 12 M. Clearing up some. Our all well. Lower water in F. Penk 29.95 Line Juie suvil, Verripo pet Pear attended 2990 Line Juin sund.

	Journal from Philating Montevertowards Saw Francisco H K F COURSES WINDS LEEWAY Thermometer Barometer REMARKS Mon 15 day of July 1907 1 2 6 6 6. S. 4 Pt. 199,90 Stronger Rainy.										Your	nal f	wom?	Thila?	lig M	outer	widtow	ards Sa	ew Tr	ance	ind.	
	HKF	COURSES	WINDS	LEEWAY	Thermometer Air Water Ba	Sarometer RI	EMARKS /	1-11	day of	14 1/2 -	H	KF	cou	RSES	WINDS	LEEWAY	Thermometer Air Water	Barometer	REMARKS	rd 17.	ay of Ju	ly 11907,
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	2 2						Stion	ger	Ma	my.	2	2							Pro C	w ell	ann ;	awwy
	3 2	15									3	2	1 m	Ju.	N 60		and the later of		in Br			
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	Course) yc .nb	Distance Di	ff. of Lat. D	eparture	Lat. by D. R. L	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.	-	Course	Dist	ance D	Diff. of Lat.	Departure	Lat. by D. R.	2/ °/	3 Variation	J.M. 0. 203		Lon. by Ob. /8, 13 77
	TTTT	COMPARE		1	Thermometer	6.171	1: 0			11.42 0	-	- - -	- -	l I			Thermometer	er B	DEMARKS	1	May of	ely 1/90)
	TT 77 T	COURSES	WINDS	LEEWAY	Air Water Ba	arometer RE	EMARKS	ues 16	day of	My 1 1907	H	L K	CO	OURSES	WINDS	LEEWAY	Air Wat	Barometer 4	REMARKS	lareco/	July or Jaco	ey · / o/
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	Course	Distance Dif	f. of Lat. De	eparture I	Lat. by D. R. L	Lat. by Ob.	Variation	Diff. of Lon	Lon. in	Lon, by Ob		Course	D	istance	Diff. of Lat.	Departure	Lat. by D.	R. Lat. by	Ob. Variation	Diff. of Lon	Lon in	Lon. by Ob.
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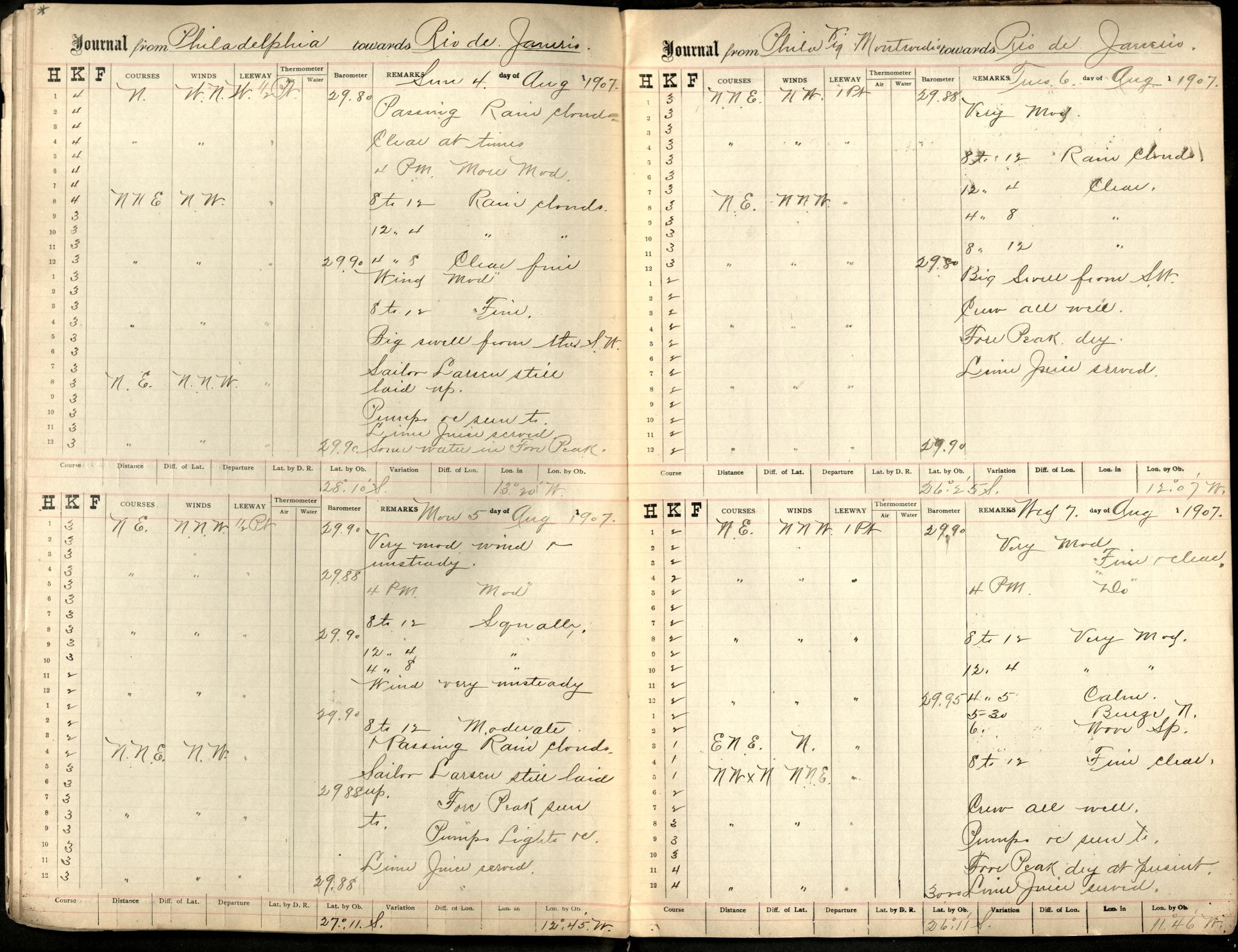
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	Your	nal from	Phila	Lig M	Vontevilto	wards Sun	Francis	Your					ards Ris c		
	HKF	COURSES	WINDS	LEEWAY	Thermometer Air Water Baromete	REMARKS July	9 day of July 1907	HKF	COURSES	WINDS L	EEWAY Air	Water Barometer	REMARKS	21 day of Ju	ly 1,90%
	1 2 2	11.6.	n.w.	3 P.L.	29.8	Buging	g day of July 1907	t 1-	En 8	71.	Ret.	29.60	Birez	ning S	living
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	6 2 7 Z				-	Starlelion	Fore Pak. ed + secured od shape.	6 2 7 5			•		Using &		
	9 2	4	•	•		success is	no safer	9 2	A management				Laiser J		
	11 2				2012	first bad	Weather.	10 2					Limps !	atio F. Ve	ak 1
	Course vc .o.	Distance Diff.	of Lat. De	parture Lat	t. by D. R. Lat. by Ob	Variation Diff of Lon		12 2		Dig of Lot		2950	Variation Diff. o	f Lon. Lon. in	Lon, by Ob.
	CHIEF STEEL STEEL STEEL				36.11	A. P. Dille of Lone	Lon. in Lon. by Ob.	Course		Diff. of Lat. Dep		56.2	Variation Diff. o	15,20	in.
	H K F	COURSES	WINDS	LEEWAY Th	Air Water Barometer	REMARKS Sub. 20	day of July 190:	HK:	COURSES	WINDS	LEEWAY Air	rmometer Barometer	REMARKS Mos	v 22 day of Ju	ely 1/907
	2 1	11.6.	(, 01.	3/16	29.60	Clear L	trong	1 2 2 2	NE.	nm.	GPS	. 293	P		
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	Course O vol. 2	Distance 2002 Diff.	of Lat. Depa	rture Lat,	by D. R. Let by Ci	Limb June	sured.	12 2	' "	<i>u</i>	0				Lon by Oh.
The second second			0		36.13	Diff. of Lon.	Lon. in Lac. by Ob.	Course	Distance	Diff. of Lat. De	eparture Lat.	34 00	Variation Diff.	of Lon. In 14. H	3-11-

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	HK	F	COURSES	1	WINDS	LEEWAY	Thermon	Water Ba	rometer	REMARKS	Tuis	2 day	of Jul	41,00	HK	F	COURSES	WINDS	s I	LEEWAY	Thermomet	er Barom	neter	REMARKS /		day of	2011	41/907
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1	1 3 3 3		71 70	1 51										wind	1 2 2 1 3 2						l l							my r
	4 3 5 3 6 3		H × M	//	.11.1	Y,				1			V Lai		4 3 5 5 5 6 5 5		4	,,		.,			+	Squa	elly.			
	7 3 3 8 3 3 9 3		,,	12.1	,,	"						1	M. Jon		7 2 8 2		1							Tump.			7	essun.
	10 3 11 4 12 4							89					uts o		9 5 10 5 11 2							20		Fre Po				
	Course	va akt 1)istance and I	Diff of I	at D	"		ω/.	50.	Time	Jun	ev si	used		13 2		"	11		••		29.	12	fin	10/	une) su	vid,
								1 6		1 //			n. in Lon.		Course		Distance	Diff. of Lat.	. Dej	parture .	Lat. by D.	R. Lat.	by Ob.	Variation	Din. or Lor	1 /5	10/	(I)
	HK	F	COURSES	W	INDS	LEEWAY	Thermome Air W	eter Baro	meter	REMARKS	The	/day of	The state of the s	1	TK	F	COURSES	WINI	DS	LEEWAY	Thermom	eter Baro	ometer	REMARKS 4		/ day o	· Gul	1/907
	1 / 2 / 3 / 3	/	1/2 6	Th	n. V	- / /	4.	29	7.80	In In	ine '	wid	aller	1907	1 2 2 2		M.E.	1.3	4:	6 Pt	Air V	29.	?7		e re			y 1/907
	4 5 5 5		171, 8.		,	ır				Mi	d de	ev pr	act ;	žlo"	3 ½ 4 ½ 5 ½		n	n		general production of the second				Thies				living
	7 5 8 3-	7	1 Ex71	7	"	•			3	am.	Pair	tial	Eely	pre ting	6 2 7 1			Si	, 1h					Haul	ed of	Mr.	for	1 hour
	9 5- 10 5- 11 5-								In	intie	11-	30 a	m,	ing	0 2 10 3			7i								"		Blowing
	12 J- 1 J- 2 J-				·, ·	'n .		29.	90. L	atte	v pi	ait '	huiz	nig	11 2 12 1 2		4	,						N		"		
	8 5 4 5		N.E.	n	71.				L	rolls	Rai	my			3 2 4 5		4	"						Latter	pa	st.	Squ	ually,
	6 4 a								Sing	alexen	lu i	ill .	laid by for	inf.	5 3									Jump	o Li	-gli	tor	e sun)
	8 1/ 9 1/ 10 1/		"			4			N	//		1	Peas		8 2 9 1		"	,,		"				J. Vear	. day	,		
•	11 H		1,		,,	4		龙	CON.		Juice		v ti	7	10 2 11 2 12 2	-	u	11		,,			0	L'aiser Line				
	Course	J., Di	stance Di	iff. of La	t. De	parture	Lat. by D. R	Lat.	by Ob,	Variation	Diff. of Lor	n. Lon.	Lon.	by Ob.	Course		Distance	Diff. of Las	t. D	eparture	Lat. by B	.R. La	at. by Ob		Diff. of L	on.	on in	Lon. by Ob.
							•	34.	12/1	1-	1		14	4.07 7.							1	Š.	3.3	8 18.		1/	2.50	W.

		entire de James de Ja	Journal from Phila ig Montteved towards Rio de Januis.
H L	COURSES WINDS LEEWAY Air	Dimeter Barometer REMARKS Cart 27 day of July 1907	HKF COURSES WINDS LEEWAY Air Water Barometer REMARKS More 2 day of July 1 1909
1 2 2 5 3 5 4 5	1.6. 11 W. 6 Pets.	Stong Mondy.	Moderating
5 3 6 2 7 2 8 2 9 2	4 4	29.30 8 to 12 Sliving July. 12 to 4 Heavy, Squalls.	5 3 6 3 7 3 8 3 NE/26 MMM 3Pt. Middle part Rainy
10	n	2920 6 am. Wing M. Chaing	10 3 11 3 · · · · · · · · · · · · · · · ·
3 ½ 4 ½ 5 ½ 6 ½	MME. M. "	Latter part Strong Jule. Ship rolling heavily 2940 Weeks full of water	Latter part more clia. Latter part more clia. Leeks full of water, 10 3
8 <u>2</u> 9 <u>2</u> 10 <u>2</u> 11 <u>1</u>		Big sea from M.M. Using some Cie. Laren laid up. 29.50 Pumps re seen to. L.J.	Jasen stru laid up. 10 3 ME. MM. " Lone water F. Ocak.
Course ve	g Distance to Diff of Live	29.50 Pumps re seen to, L.J.	I will feel to see the
		R. Lat. by Ob. Variation Diff. of Lon. I Lon. by Ob.	Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.
HKI	COURSES WINDS LEEWAY Thermom	leter Barometer REMARKS day of	
1 2 2 2 3 4 4 2	MME. M. GOts.	Barometer REMARKS Line 28 day of July 1907 Lling July 1907	HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS Lees 3 day of July 1/90 1 3 / E. MM. 2Dt. 29.70 2 3 3 4 3 " " " " ARREST REMARKS LEE & COURSES WINDS LEEWAY Air Water Barometer REMARKS Lees 3 day of July 1/90 Remarks Lee & All Water Barometer Remarks Lees 3 day of July 1/90 Remarks Lee & All Water Barometer Remarks Lees 3 day of July 1/90 Remarks Lee & All Water Barometer Remarks Lees 3 day of July 1/90 Remarks Lee & All Water Barometer Remarks Lee & All W
5 2 6 5 7 2 8 1 9 3		8-12 Heavy Squall. 4 am, Kept offrome.	5 3 6 3 7 3 8 3 " " " " " " " " " " " " " " " " " "
10 2 11 2 12 2 1 3 2 3	n. 6. "	5.01	10 3 11 3 12 3 " " " 19 3 " " 10 Serving Slowing
3 3 4 3 5 3 6 3 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Latter part. Strong Big sea Str. Decks flooded die,	Still Big sea WIM. Still Big sea WIM. 12M. Weather cleaving 5 4 M. SM. Laisen still laid up.
8 3. 9 3 10 3	" NW.	Laisen laid up. Pingels re seen to. 29 75 Fran.	Pump re sunt. 9 4 10 4 Pow Peak. dry.
12 3.	"	29.75 Done Juice sund,	11 4 12 4 " " 29.70 Line Juie served
Course	Distance no Diff. of Lat. Departure Lat. by D. 1	R. Lat. by Ob. Variation Diff. of Lon. Lon. 10 Lon. by Ob.	
	The part of the second second second	33.39 J. 11,29 W	Course Distance Diff. of Lat. Departure Lat. by D. R., Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.

Jou	rnal from	Phila Ly	Montiviedrowards Ris de Janeris	Journal from Philadig Montwestowards Rio de Januis
HKI	COURSES	WINDS LE	EEWAY Air Water Barometer REMARKS / S day of July 1, 9	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS The 21 day of Air Water Barometer REMARKS The 21 day of Air 907
1 4 2 4 3 4 4	Ax M.	SM: 116.	Thermometer Air Water Barometer REMARKS Hey 3, day of July 3, 9. REWAY Air Water Barometer REMARKS Hey 3, day of July 3, 9. Ranny at times	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Fix 21 day of any 1907 1 2 M. Sh. 29,80 2 2 Mx H SE. 3 2 Mx H SE.
4 4 5 4 6 4 7 4 1			Middle put Syna	5 3 4 PM Mond SE.
8 4 9 4 10 4 11 4		S.Mr.		10 4 11 4 1 6. 29.70 " 12." " Langually Rainy 11 4 11 4 1. 6. 29.70 " 19.70 "
13 4 1 4 2 4 3 4	7	.11	29.80 Latter pait clearing.	11 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4	n	"	Stier Big sen WIM. Primps re sum to.	5 H W
8		"	Laisen laid of.	8 4 N. SM. Mo water in For Peak
12 44 Course ye	Distance no Di	ff. of Lat. Departu	\$9,95 Line Juice served.	10 4 11 4 12 4 " Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.
Cold lines Econo priori Accessor			31,14 1. 11.149	29.54 N. 13.21, 7.
HKF	COURSES	WINDS LEE	EWAY Thermometer Barometer REMARKS Laura day of Any 19	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS of 3 day of Clause 1/903
1 2 1 3 3 - 4 5 - 4	11.	WINDS LEE	EWAY Air Water Barometer REMARKS Thurs L'day of Airy 190 29, 95 Pluar Air Water	HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS at 3 day of Clug 1/903 1 4 1 1 29,70 2 4 20 1 1 29,70 3 4
5 5- 6 5- 7 5-	•	"	Middle Just Rain	4 # " " " " " " " " " " " " " " " " " "
8 5- 9 5- 10 5- 11 5-	•	"	Latter puet Strong "	8 3 M/2 & Tr. 12, 4 Lanally.
12 3 - 1 1 1 1 2 4 3 4 4 3 4 4 5 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	,	4	Jea making from W.	1 3 " " " 29,80 " Cluau,
4 4 5 3 6 3 7 2	A.	"	Fow Peak dry, Pumps, Lights frokont sent to,	
8 3 9 V 10 V	q	1	L'arsen still laid up	Larami still laid up. 9 3 10 3 No water in F. Coas.
12 2 Course v	Distance 10 Diff.	of Lat. Departure	1 1 2/180	11 3 12 3 A 1 12 3 A 1 12 3 A 1 12 A
			30,10 A. 12.30 M.	29.07 S. 13.50 W



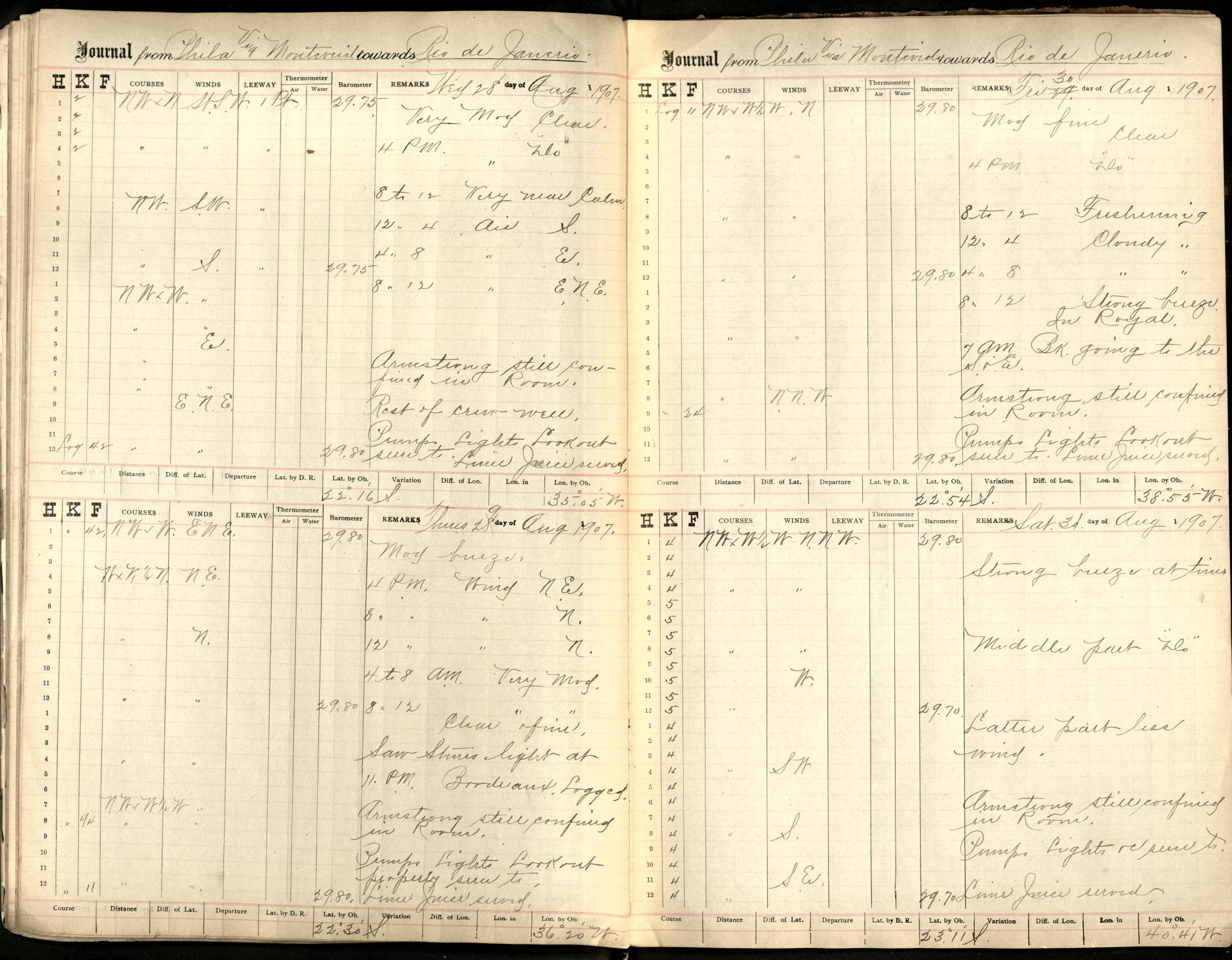
Journal for	om Thilw ig Mont	tivuils towards Rio de Januis.		trondo towardo Sio de Janeiro.
HKF COUR	SES WINDS LEEWAY Air	Water Barometer REMARKS hours 8 day of Aug 1907. Mod beeg	HKF COURSES WINDS LEEWAY Th	Barometer Barometer REMARKS Lat 10 day of any 1/907. 29.90 Burging on Frish.
4 4 5 H	4 7	3000 Fine relian.	3 4 4 7 " " " " " " " " " " " " " " " " "	In Topy" 1 Pm. Squally.
1 H 8 H 9 3 10 3		All said sets.	7 3 8 3 " " " " "	8 · · · · · · · · · · · · · · · · · · ·
11 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		30 10 Middle Fact. Mid"		19.80 11 am. Shift of Wind
3 3 4 3 5 3		Latter part 20.	2 1 3 1 4 1 5 2 Sim Wint. 6 2 Nix M. Sim.	29.788 to 12 Rainy Thier.
7 3 8 3	11	Cum all well, Cumps resements.	6 2 AX M. AM. 9 M. 9 3	29.80. Peno all mell. Timp re seen to.
10 3 11 3 12 3 Distance	Diff. of Lat, Departure Lat by	30, 10 Line Juice served,	10 3 11 3 12 3 "	Hear dey as long as the sea is smooth.
HKF COURS	ES WINDS LEEWAY Air	Diff. of Lon. in Lon. by Ob. 1440 74. Diff. of Lon. in Lon. by Ob.	Course Distance Diff. of Lat. Departure La	at. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.
1 5 MM 2 5 3 3	M. M. R. IPA	Barometer REMARKS Tri 9. day of Arry 1907. Try "Mord"	HKF COURSES WINDS LEEWAY 1 4 NKM MM.	Thermometer Air Water Barometer REMARKS Live 11 day of Jung 17907. 29.82 Cleaning away some.
4 3 n 5 3 6 3 7 3		Cloudy.	4 4 5 5 3 · · · · · · · · · · · · · · · · ·	4 to 8. Cowalt SK.
8 3 " 9 3 10 3		Middle part "26."	8 3 9 3	8. 12. "Rani
11 3 12 3 ,		Latter part Unstrady	10 3 11 3 12 3 1 2	28.80 H., 8 Clearing
3 2 4 2 W	7	Big Sweet Str. Pumpo Light frokont	2 2 MMM. S.G. 4 2 " E"	8. 12 Mod" r.
	,, ,		6 2 7 2 8 2 " M.M.E.	Big swell from S.W.
10 2 1 MM 11 2 1 MM	7 n.	29.90. Line Juice served.	9 2 10 2 MM M	Sights Fookout respuns 29.90 Line Juic sevens
Course Distance	Diff. of Lat. Departure Lat. by D.	R. Lat. by Ob. Variation Diff. of Lon. Lon. an Lon. by Ob.	Course Distance Diff. of Lat. Departure I	Lat. by B. R. Lat. by Ob. Variation Diff. of Lon. I Lon. in Lon. by Ob.

	ontevid towards Sio de Janeris.	Journal from Phila ia Montirelsowards Rio de Janurio.
HKF COURSES WINDS LEEWAY	Thermometer Air Water Barometer REMARKS Mow 13 day of Ching 1997. 29.9012tr H Clean Jove big v.	HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS Mry 14 day of Aug 190 1 3 3 19 12to 11 Clear 4 4 " 5 5 5 4 " 6 6 6 6
4 6 , , , , , , , , , , , , , , , , , ,	This day dishated the Brutervair (Armstrong) Knoesed him off	3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7 3- 8 5- 9 5- 10 5-	Middle put of day Clear.	6 5 7 5- 8 5 " SE. " SE. " 10 5 " 12 "
10 5 11 5 12 5 1 4	29.90 Latte part. Strong Squall from NW.	11 5 12 13 5 " " 29.75 " " " " " " " " " " " " " " " " " " "
3 4 4 H MMXN MM. 5 H 6 H	Handled Light sails.	3 H 4 H 5 1/4 (6.) 8. 12 " Christians confined in
7 4 8 4 9 4 10 4 TM W. M W.	Line Juice served.	Come confined in Room. Room. 10 4 Mn. M. M. Pt. 11 3
Course you and Distance no Diff. of Lati Departure Lat	by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.
HKF COURSES, WINDS LEEWAY THE	ermometer Barometer REMARKS July 13 day of July 1907	HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS Lucis 13 day of Clary 1 190
8 4 4 4 5 3 6 3	Thing happing. 4 to 8 Gustindy	Big sew SM. making
7 3 8 3 " "	12. 4 Rain Lynnells.	fr i Story Jale. 8 r. 8 t. in Story Jale.
11 3 12 3 " " "	19.80 8 t. 11. Rainy Mod.	10 2 11 2 13 2 12 12 12 12 12 13 14 18 11
8 5 4 3 7. 5 3 6 3 7.77 SM	Bøgreguest flailors. Roufing Board. Austrong in Room.	8, 12 Bueging ou 1 2 Bueging ou Tory black Clouds.
7 3 8 3 9 3 10 3	from all well	3965 Pumps d'im ti.
Course Distance to Diff. of Lat. Departure Lat. b	29. 80 Line Jace Levery. y D. R. Lat. by Ob. Variation Diff. of Lon. Long 100 100 Diff.	drinstrong confined i Room, Line Juice seine 12 "
	25.27 D. 1900 m	Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in Lon. by Ob.

		iten idrowards Pio de Janerio		ontenids towards Rio de Januiro.
1 2 2 2 3 2 4 2 5 5 2 6 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	" 3".	Water Barometer REMARKS In 16 day of Aug 1907. 29.63/2ts 4 Buiging. 39.62/ooks black in W., 3PM Rain Chrids.	2 3 3 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Thermometer Air Water Barometer REMARKS Line / 8 day of Cling 1/907 29.75 Most huge. Clil sail set
10 2		8ti 12 Rain Squall. 29.9012. H 5-am. Mind M. Cleaning.	6 H 7 H MMM SM. 8 H 9 H 10 H 11 H 12 H 1	Middle pait Mod.
3 2 3 4 5 7 5 5 5 7 2 8 5 7 2 8 5 7 10 2	. H. 1. P.b.	St. 12 Clear frie. Big sea' SW. Armsterng still confiner in Room;	4 4	Primps Lights resum. Armstioneg, still confined via Room.
Course to a Distance H K F COUR	Departure Lat. by	D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. Water Barometer REMARKS at 17, day of Change 1907.	11 4 12 12 Course Distance Diff. of Lat. Departure HKF COURSES WINDS LEEWAY 1 4 MAX T SE	Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. Thermometer Air Water Barometer REMARKS Mon', 9 day of Aug 1 190;
3 2 4 2 5 2 6 2 7 2 8 2 "		Dead alway. Middle part We.	2 H 3 H 4 H 5 H 6 H 7 H 8 H	29.90 Au sail ut. 29.80 8to 12 Cloudy.
10 2 11 2 12 1 1 12 2 1 1 1 1 2 1 1 1 1		29.70 Latter part mon mod. Big sweet from St.	10 H 11 H 13 H 1 H 2 H 3 H 4 H	29.80 4 8 Lqually Rain 8 12 "
8 3 9 3 10 3 11 3 12 3	MAM.	armstrong still confined in Room, Silve confined Dumps Lights ve sum to. 29.75 Line Juice served	5 4 MY M, 6 4 7 4 8 4 1, 9 4 10 4 11 4 12 4 1, 12 4 1, 13 14 15 17 MM	Looks like a shange Limstrong still confine 29.70 in Rooms. Pennips Lights resum. 29.70 BK going & 11 am.
Course	Diff. of Lat. Departure Lat. by D.	R. Lat. by Ob. Variation Diff. of Lon. 10 Lon. 10 Lon. by Ob.	Course Distance Diff. of Lat. Departure	Lat. by B. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. 24,344 23,/07

Journal from Shilw in Montemideowards Rio de Januis. Journal from Ilila ig Montevido towards Rio de Januis. HKF COURSES WINDS LEEWAY Thermometer Barometer Barometer REMARKS Thus 23 day of Aug 1,907 Light Mid. Binge. IPM Strong " 8 to 12. Strong nn & mnn " Middle put "2ls" 12 " H " Squally 29.81 4". 8 Rain ".
8". 12 Elvar at times n. Th. Latter pair Cloudy. Jumps Lights resunt. Big swell from St. drustrong still confined in Room. nnn. W.M Room. Tooms in For Jeak. dry, S.M. 16. 29.90 Line Juie sured. 29.80 Line Juie served, Barometer REMARKS Wed 21 day of any 1/907. Barometer REMARKS Tw 23 day of any of any 1 1907 COURSES WINDS Fresh bugs. Jord Just. Fushing. " Vassnig Ram Clouds. 4 PM. Set Topy" flew. Ste 12 Flie, Tain cloude through 12.. 4 nnxn S. 29.80 Middle part. 129.93 H .. 8 Latter part clearing 8, 12 Chride, Swell still from SM. armstrong still confined Junsting still confined

Journal from Philw in Moul	tivicalo formando lis de Jamerio.	Journal from Thilw Lig Mor	atrindrowards Rio de Janerio.
HKF COURSES WINDS LEEWAY Air	Water Barometer REMARKS at 2 day of Chung 1/907	HKF COURSES WINDS LEEWAY Air	rmometer Barometer REMARKS Mow Moder and 1/907
1 Log. 80 M.XM. 6.	Water Barometer REMARKS at 2 day of Chung 1/907, Sovo Jove huge Clove dy,	1 Log 64 MM M. M. 3 3 4 5	Barometer REMARKS Mow Moday of Aug 1/907, 29.87 Bugs Fichering from M. 8 to 12 Sliving And Johnson
7 8 9 10	Middle part hlo,	7 8 9 10	12ti 4 Sliving Cloudy
11 12 " 34 " " " "	29.95- Latter part Rani	11 12 1 1 2	29.72. Ranny vorry mod"
	Chonds. Sea Smooth Junstrong still confined in Room,	3 4 5 6	8t. 12 Doldrums. Rainy Maffling
8 " " " " " " " " " " " " " " " " " " "	Jumpo Lighto reservito.	7 8 7 . M.	29.80 in Rooms.
Course 20.11 Distance 10 Diff. of Lat. Departure Lat. by I	D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob.	11 12 ,, 34/2 Course Distance Diff. of Lat. Departure Lat.	Limps Lights re seew to line all well, 29.80 Line Juice served, by D. R. Lat. by Ob. Variation Diff. of Lon. I Lon. in Lon. by Ob. 34. 20 M.
HKF COURSES WINDS LEEWAY Thermon	meter Resonator DENADAR	The	23.02 V. 34.20 V.
4 " 90 MM. ME., S.	meter Barometer REMARKS June 25 day of Aug 1907. 29.95 Winef Lambel M. 29.90, H. P.M. NE, Looks wet,	COURSES WINDS LEEWAY A COURSES WINDS LEEWAY A A A A A A A A A	from M. J. M. St.
7 8 . 100 MM×M. M. 9 10 11		7	Rain Clouds Passing HOM. "he"
11	29.85 12to H Clear Morg. H. 8 Rain Squares.	11 2 12 14 14 14 14 14 14 14 14 14 14 14 14 14	29.75-Maddle part. Chondy, Latter part Rain Squall
5 6 7 8 42 " "	Latter Jack Rami	4 / " " " " " " " " " " " " " " " " " "	selvaing at 10 am, Sweet from the M.
9 10 11 12 "64" "" "" ""	Armstrong still confined 29.87. Pumps fights ressure to:	8 / " " " " " " " " " " " " " " " " " "	drinstrong still confined in Room.
Course Distance of Diff. of Lat. Departure Lat. by D.	DATE TO A CONTROL OF THE PROPERTY OF THE PROPE	Course Distance Diff. of Lat. Departure Lat	fine puer selvig.
	Lat. by Ob., Variation Diff. of Lon. Lon. in Lon. by Ob., 12.53	Course Distance Diff. of Lat. Departure Lat	t. by B. R. Lat. by Ob., Variation Diff. of Lon. I Lon. in Lon. by Ob., 22, 26 %, 34, 40 %



Journal from Tula in Montwidtowards Lio de Janurio. Journal from towards_____ HKF COURSES WINDS LEEWAY Thermometer Air Water Barometer REMARKS LINE 1 1907 KF courses winds LEEWAY Thermometer Barometer REMARKS day of 1

Lies 3 Steph 1907, Proceeding Log Civil Jime,

1-30 PM. passed Fort Tigilancia Signallized same. Logot. persinession t. Einter Port " Saw two Strains Saw two Stones going 4-30 Came to anchor off Quarantine fale, 45 fthms to Starboard Jot visit from Whole to Rustoms at 7 Pm. Clapt went on show. Jord anchor wateries Kept to Light Middle part he" 10-30 am Saw the They A Sept 1907, 7-30 am. Two Bouts cume that us in town up to the Old Measuring ground Came to anchor 45. to Starboard The test Lails. re, the ather fine, Wind Trades land off laps Free bearing about NE Hogy could not see the Light 12 M. Very light 1 Limstrong still confining Thurs 5 Sept 1907. Way five Wing Teadles,

Jetting Sp cleaned re Filled Water.

Course Distance Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in Lon. by Ob. 65 Lights re seen to. HKF COURSES WINDS LEEWAY Thermometer Barometer REMARKS day of 1

The strict of Super 1907 Heather fine, Link, Bratswins Suite Land, Grand on show this day. Gory watch ilph, fights or, Mod Baffling 2 to 4 Calm. 6 PM. aiv. El. 8 to 12 Mod hueze, Lat. 7. Sept. 1907. We ather fine Painting Sp., cleaning re. Good Watches Kept. Saw Raga Lew Fight of at 2-30 ann Bearing It Lights rd. Holiday on Show, Weened Sp" Harried off S. until 4-30 am. 8 am, Land to the M. Departure Lat. by D. R.

